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# SUMMARIES OF FOREIGN GOVERNMENT ENVIRONMENTAL REPORTS

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## FOREWORD

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### Index System

In each issue the document summaries are grouped by subject, by category of document, and by country. Subject areas, which reflect EPA programs, include:

| | |
|---|---|
| air | pesticides |
| water | toxic substances |
| noise | radiation |
| solid wastes | land use |

Categories of documents are:

1. general
2. legal/legislative/regulatory (LR)
3. planning/management/organization (PM)
4. scientific/technical (ST)
5. socio/economic (SE)

Summaries covering more than one subject are cross-referenced in the Table of Contents. Abstracts appear only once, however, under the primary subject heading marked by an asterisk. For example a British report on "Disposal of Awkward Household Wastes" is indexed under pesticides, solid wastes, water, and toxic substances. The summary appears only once, under solid wastes, but the report title is listed with the EPA ID number under each of the other headings.

Explanation of the codes and abbreviations used with each summary is on page ii.

### Translations

EPA staff may request more extensive abstracts or full text translations. EPA Form 1350-1, Translations Services Requisition, is used to order translations through the Library Systems Branch. Translation services, which are available only to EPA staff are expensive and should be requested only when essential. Payment is made by the requesting office.

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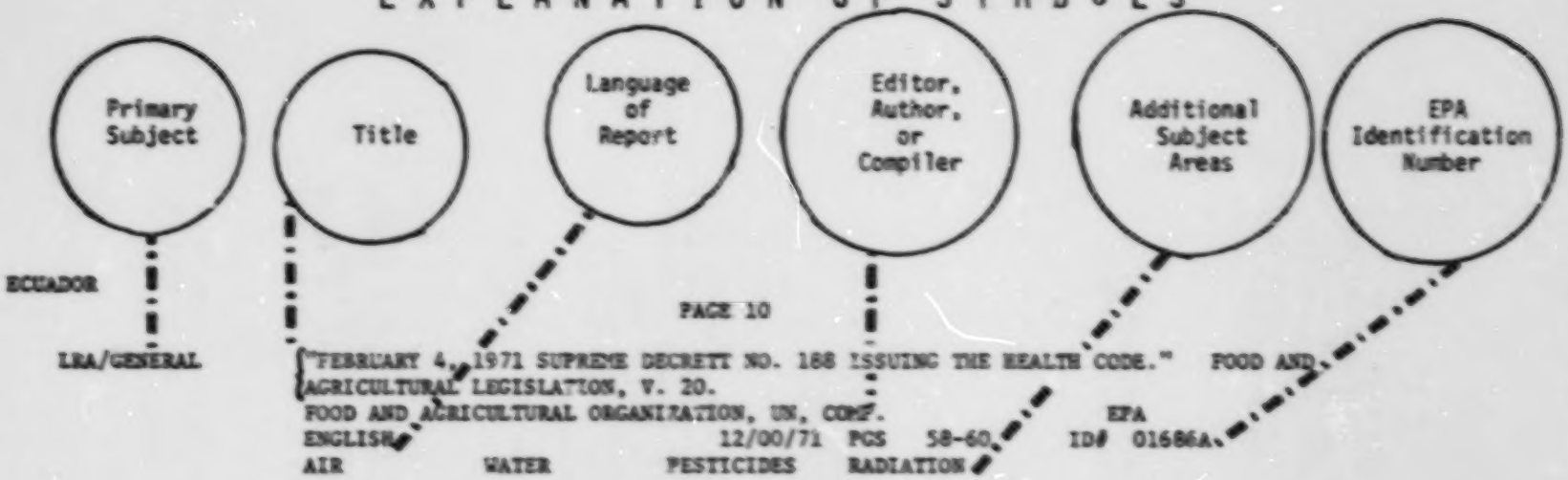
Primary Subject
Title
Language of Report
Editor, Author, or Compiler
Additional Subject Areas
EPA Identification Number
ECUADOR
LRA/GENERAL
PAGE 10
"FEBRUARY 4, 1971 SUPREME DECRETT NO. 188 ISSUING THE HEALTH CODE." FOOD AND AGRICULTURAL LEGISLATION, V. 20.
FOOD AND AGRICULTURAL ORGANIZATION, UN, COMP.
ENGLISH 12/00/71 PGS 58-60 EPA ID# 01686A
AIR WATER PESTICIDES RADIATION

THIS COMPREHENSIVE HEALTH DECREE ASSIGNS TO THE EXECUTIVE, ACTING THROUGH THE MINISTRY OF PUBLIC HEALTH, RESPONSIBILITIES IN THE POLITICAL, SOCIAL, AND ECONOMIC SPHERES AS REGARDS PUBLIC HEALTH AND THE ENVIRONMENT AND, TO THE NATIONAL HEALTH DIRECTORATE RESPONSIBILITIES IN THE TECHNICAL AND ADMINISTRATIVE SPHERE AND IN THE FORMULATION OF DIRECTIVES AND IN ENFORCEMENT AND EVALUATION.

LRA - LEGAL TEXT

LRB - LEGAL COMMENTARY

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J. H. JACKER & ASSOCIATES EPA
LREB1 ENGLISH 00/00/75 PGS 1-91 ID# 033230
ALSO PMA
*GENERAL WATER SOLID WASTE NOISE

BRAZIL PRIMEIR ENCUNTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE. VOL. II (FIRST NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT. VOL. III)
BRAZIL. SPECIAL SECRETARIAT FOR THE ENVIRONMENT EPA
PMEP1 PORTUGUESE 06/00/75 PGS 150-309 ID# 039110
ALSO L+B, PMA AND SF
*GENERAL WATER SOLID WASTE LAND USE

CANADA "NATIONAL EMISSION REGULATIONS ANNOUNCED FOR ASBESTOS MINING AND MILLING INDUSTRY." NEWS RELEASE
CANADA. ENVIRONMENT CANADA EPA
LREB1 ENGLISH 12/15/75 PGS 1-2 ID# 036084

PROPOSED REGULATIONS TO LIMIT ASBESTOS EMISSIONS FROM ASBESTOS MINING AND MILLING OPERATIONS WERE ANNOUNCED ON DEC. 12, 1975 BY ACTING FEDERAL ENVIRONMENT MINISTER ROMEO LEBLANC. TO BE ISSUED UNDER THE CLEAN AIR ACT, THE PROPOSED REGULATIONS WOULD LIMIT THE CONCENTRATION OF ASBESTOS FIBRES EMITTED TO THE AMBIENT AIR TO 2 FIBRES PER CUBIC CENTIMETER FROM CRUSHING, DRYING OR MILLING OPERATIONS AND FROM DRY ROCK STORAGE. FURTHER REGULATIONS ARE BEING DEVELOPED FOR THE OTHER SOURCES IN ASBESTOS MINES AND MILLS, SUCH AS DRILLING OPERATIONS, TAILINGS HANDLING AND TAILINGS DISPOSAL. PERIODIC EMISSION TESTING AS WELL AS RECORD KEEPING FOR MALFUNCTIONS AND BREAKDOWNS ARE REQUIRED ALSO. ESTIMATED CANADA-WIDE EMISSIONS OF PARTICULATES CONTAINING ASBESTOS FIBRES FROM THIS INDUSTRY WERE 87,000 TONS IN 1970. THE APPLICATION OF THE PROPOSED REGULATIONS WOULD DRASTICALLY REDUCE THE EMISSIONS OF ASBESTOS FIBRES TO THE AMBIENT AIR.

CANADA "OIL SANDS VISIT." JOINT NEWS RELEASE
CANADA. ENVIRONMENT CANADA EPA
PMEM1 ENGLISH 06/04/76 PGS 1-2 ID# 037854

THE SYNCRUDE OIL SANDS DEVELOPMENT AT FORT MCMURRAY, ALBERTA HAS BEEN THE SUBJECT OF NUMEROUS DISCUSSIONS BETWEEN FEDERAL AND ALBERTA OFFICIALS. WHILE DEVELOPMENT OF THE OIL SAND IS IMPORTANT IN MEETING CANADA'S GOAL OF ENERGY INDEPENDENCE, THE PROJECT MUST NOT DISREGARD SAFEGUARDS NECESSARY FOR ENVIRONMENTAL PROTECTION. MAJOR CONCERNS OVER THE OIL SANDS PROJECTS, WHICH INCLUDE OIL SANDS EXTRACTION PLANTS, ARE THE HIGH LEVEL OF AMBIENT AIR POLLUTION THAT COULD OCCUR FROM PLANT SOURCE EMISSIONS AND POTENTIAL DEGRADATION OF SURFACE AND GROUND WATERS. IN ADDITION, ADVERSE ECOLOGICAL EFFECTS COULD BE CAUSED BY THE EXCAVATION NECESSARY FOR THE DEVELOPMENT. AS A RESULT OF THE IDENTIFICATION OF THESE PROBLEMS, THE TWO GOVERNMENTS HAVE INITIATED THE TEN YEAR $40 MILLION ALBERTA OIL SANDS ENVIRONMENT RESEARCH PROGRAM, WHICH IS EVALUATING THE PROJECT'S ECOLOGICAL IMPACT AND STUDYING MEANS OF SOLVING THE PROBLEMS THAT ARE IDENTIFIED.

DENMARK

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. DENMARK. 1975 SUPPLEMENT
JENSEN, CLAUS HAGEN
LAEBI
ENGLISH 11/00/75 PGS 1-40 EPA ID# 033270
ALSO FRA
*GENERAL WATER SOLID WASTE RADIATION TOXIC SUBS

EUROPEAN COMMUNITIES

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. COMPARATIVE VOLUME. 1975 SUPPLEMENT
LAEBI
ENGLISH 00/00/75 PGS 1-44 EPA ID# 033210
*GENERAL WATER SOLID WASTE NOISE RADIATION TOXIC SUBS

EUROPEAN COMMUNITIES

"IMPLEMENTATION OF AN ENVIRONMENTAL HEALTH POLICY IN THE EUROPEAN COMMUNITIES." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE. VOL. I
SHEETS, J.
PAEBI
ENGLISH 06/00/75 PGS 19-31 EPA ID# 039204
ALSO SE
*GENERAL WATER NOISE

FINLAND

"EMISSIONS INTO THE SEA THROUGH SMOKE MUST BE REDUCED." HUFVUDSTADSBLADET
SWEDISH 05/19/76 PGS 1. 0 EPA ID# 038234
*WATER

FRANCE

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. FRANCE. 1975 SUPPLEMENT
LAEBI
ENGLISH 00 00/75 PGS 1-37 EPA ID# 033308
ALSO FRA
*GENERAL WATER SOLID WASTE NOISE RADIATION

FRANCE "STABILIZATION OF AIR POLLUTION IN 1975." NUISANCES ET ENVIRONNEMENT, NO. 51

EPA

FWERD FRENCH 06/00/76 PGS 11 ID# 037734

A STUDY BEING CIRCULATED BY THE OFFICE OF THE PREVENTION OF POLLUTION AND NUISANCES WITHIN THE FRENCH STATE SECRETARIAT FOR THE ENVIRONMENT REPORTS A STABILIZATION IN FRENCH AIR POLLUTION LEVELS, PARTICULARLY WITH RESPECT TO SULFUR DIOXIDE AND DARK FUMES. DURING THE COURSE OF 1975, AN IMPROVEMENT, MOREOVER, HAS BECOME APPARENT IN THOSE ZONES WHICH ARE SUBJECT TO THE INFLUENCE OF INDUSTRIAL CONSUMERS OF HIGH SULFUR CONTENT FUELS. THIS RESULT IS ATTRIBUTABLE TO A 22 PERCENT DROP IN HEAVY FUEL DELIVERIES TO THERMAL INSTALLATIONS BETWEEN 1974 AND 1975 AND TO NEW MEASURES AIMED AT THE REDUCTION OF THE SULFUR CONTENT OF DOMESTIC FUELS WHICH TOOK EFFECT ON OCTOBER 1, 1974. ON THE WHOLE, HOWEVER, RESULTS OBTAINED VARIED ACCORDING TO LOCATION. WHILE ON THE INCREASE IN MARSEILLES, REIMS AND CAEN, SULFUR DIOXIDE POLLUTION HAS DECREASED BY 25 PERCENT IN TWO YEARS WITHIN THE REGIONS OF LILLE AND LYON BECAUSE OF SPECIAL PROTECTION ZONES.

FRANCE "VARIATIONS OF POLLUTION RATES AND LOCAL CLIMATE PATTERNS IN MARTIGUES-FOS." POLLUTION ATMOSPHERIQUE, NO. 70
ACHARD, J., AND E. POUGET

EPA

STI D FRENCH 04/00/76 PGS 139-150 ID# 039024

A STUDY HAS BEEN MADE OF THE VARIATIONS OF POLLUTION RATES AS A FUNCTION OF LOCAL CLIMATE PATTERNS, BASED ON MEASUREMENTS OF ATMOSPHERIC POLLUTION IN THE REGION OF MARTIGUES-FOS IN FRANCE. THE COMPARATIVE ANALYSIS OF DATA ON CHEMICAL POLLUTANTS AND GROUND LEVEL WIND SPEEDS, AS WELL AS DATA ON TEMPERATURES RECORDED FROM VARYING ALTITUDES, SHOWS THAT THE EVOLUTION OF POLLUTION RATES ARE VERY DIFFERENT DURING PERIODS OF MISTRAL OR OF COASTAL BREEZES AND DURING PERSISTENT CALM WINDS. THESE STATISTICAL AND QUANTITATIVE EFFORTS FORM A FIRST INTERMEDIATE STAGE IN A CAMPAIGN TO IMPROVE THE VALIDITY OF INFORMATION AVAILABLE ON CONDITIONS OF DIFFUSION AND FORECASTING.

FRANCE "DESULFURIZATION OF SULFUR PLANT EFFLUENTS." POLLUTION ATMOSPHERIQUE, NO.70
GRANCHER, P., AND J. MOUGAYROUDE

EPA

STI D FRENCH 04/00/76 PGS 129-134 ID# 039017A
ALSO AVAIL

SULFUR PLANTS, WHETHER LOCATED IN REFINERIES OR ON NATURAL GAS PIPELS, MAY CONSTITUTE IMPORTANT SOURCES OF ATMOSPHERIC POLLUTION BECAUSE OF THE SULFUR DIOXIDE GAS WHICH THEY EMIT. RESEARCH ON THE CONTROL OF SULFUR POLLUTION AT THE SOCIETE NATIONALE DE PETROLE D'AQUITAINE HAS RESULTED IN THE DEVELOPMENT OF THE SULFREEN PROCESS. THIS TECHNIQUE CONSISTS OF CARRYING OUT COMPLIMENTARY DESULFURIZATION OF EFFLUENTS FROM CLAUS UNITS AND PROVIDES FOR SULFUR EXTRACTION WITH AN OVERALL EFFICIENCY GREATER THAN 99 PERCENT. IN ADDITION TO THE THREE SULFREEN UNITS SET UP IN THE FRENCH LACQ PLANT, THE PROCESS IS ALSO BEING ADOPTED IN CANADA, THE USSR AND WEST GERMANY. A TABLE LISTS THE 17 SULFREEN UNITS WHICH ARE NOW IN SERVICE OR IN CONSTRUCTION AT VARIOUS SULFUR INSTALLATIONS THROUGHOUT THE WORLD WITH CAPACITIES RANGING FROM 50 TO 2,000 TONS PER DAY. A SEPARATE TABLE PROVIDES DATA ON INVESTMENT, OPERATION AND MAINTENANCE COSTS.

AIR

GERMANY,FED REP OF
LR(A)

"APRIL 8, 1975 INSTRUCTIONS FOR TESTING THE APPLICABILITY OF CONTINUOUSLY REGISTERING IMMISSIONS MEASURING DEVICES." GEMEINSAMES MINISTERIALBLATT, 14
GERMANY, FED REP OF. MINISTRY OF THE INTERIOR EPA
GERMAN 04/22/75 PGS 346-367 ID# 020337
ALSO ST

FEDERALLY UNIFORM REQUIREMENTS FOR TYPE TESTING IMMISSIONS MEASURING EQUIPMENT ARE NECESSARY IN IMPLEMENTATION OF SECTION 2.5 OF THE TECHNICAL GUIDELINES FOR MAINTENANCE OF AIR PURITY AND SECTION 5.2 OF THE FOURTH GENERAL ADMINISTRATIVE REGULATION PURSUANT TO THE FEDERAL NUISANCE LAW (DETERMINATION OF IMMISSIONS IN HEAVILY POLLUTED AREAS). TO THIS END, THE FEDERAL MINISTER OF THE INTERIOR AND STATE AUTHORITIES AGREED ON THESE INSTRUCTIONS IN THE STATES' COMMITTEE FOR IMMISSIONS PROTECTION. THE INSTRUCTIONS DESCRIBE: 1) MINIMUM TECHNICAL REQUIREMENTS FOR CONTINUOUSLY REGISTERING MEASURING DEVICES FOR GASEOUS AND PARTICULATE AIR POLLUTANTS, 2) THE INSTITUTES AUTHORIZED TO CONDUCT TYPE TESTING, AND 3) THE PLACE OF PUBLICATION OF THE NAMES OF MEASURING DEVICES SUITABLE FOR VARIOUS PURPOSES ACCORDING TO TYPE TESTING. (THE INSTRUCTIONS ARE PRINTED UNDER THE GENERAL TITLE: "FEDERALLY UNIFORM PRACTICE IN THE MONITORING OF IMMISSIONS.")

GERMANY,FED REP OF
LR(A)

"APRIL 8, 1975 INSTRUCTIONS FOR THE APPLICABILITY TESTING, THE INSTALLATION AND MAINTENANCE OF...EMISSIONS MEASURING DEVICES." GEMEINSAMES MINISTERIALBLATT, 14
GERMANY, FED REP OF. MINISTRY OF THE INTERIOR EPA
GERMAN 04/22/75 PGS 367-368 ID# 020335
ALSO ST

THE 1974 TECHNICAL GUIDELINES FOR MAINTENANCE OF AIR PURITY REQUIRE INSTALLATIONS EXCEEDING GIVEN LEVELS OF AIR OR DUST EMISSIONS TO BE EQUIPPED WITH CONTINUOUSLY REGISTERING EMISSIONS MEASURING DEVICES. THESE "INSTRUCTIONS FOR THE APPLICABILITY TESTING, THE INSTALLATION AND MAINTENANCE OF CONTINUOUSLY REGISTERING EMISSIONS MEASURING DEVICES" LIST: 1) MINIMUM TECHNICAL REQUIREMENTS FOR SUCH DEVICES DURING TYPE TESTING, 2) THE INSTITUTES THAT CONDUCT TYPE TESTING, 3) THE PLACE OF PUBLICATION OF TYPES OF MEASURING DEVICES AND THEIR SUITABILITY FOR GIVEN PURPOSES, AND 4) THE INSTALLATION AND MAINTENANCE FOR THE DEVICES. THE FEDERAL MINISTER OF THE INTERIOR RECOMMENDS THAT STATE AUTHORITIES ISSUE ADMINISTRATIVE REGULATIONS CONFORMING TO THE INSTRUCTIONS. (THE INSTRUCTIONS ARE ISSUED UNDER THE GENERAL TITLE: "FEDERALLY UNIFORM PRACTICE IN MONITORING EMISSIONS FROM FACILITIES PURSUANT TO SECTION 4, PARAGRAPH 1 OF THE FEDERAL NUISANCE LAW.")

ESR

GERMANY,FED REP OF "APRIL 8, 1975 INSTRUCTIONS FOR THE EVALUATION OF CONTINUOUSLY REGISTERED EMISSIONS MEASUREMENTS." GEMEINSAMES MINISTERIALBLATT. 14
GERMANY,FED REP OF. MINISTRY OF THE INTERIOR EPA
LB(A) GERMAN 04/22/75 PGS 369-372 ID# 02033V
ALSO ST

PURSUANT TO SECTION 48 OF THE FEDERAL NUISANCE LAW, THE 1974 TECHNICAL GUIDELINES FOR MAINTENANCE OF AIR PURITY REQUIRE FACILITIES WITH DUST OR GASEOUS EMISSIONS EXCEEDING STIPULATED LEVELS TO BE EQUIPPED WITH CONTINUOUSLY REGISTERING MEASURING DEVICES. THESE INSTRUCTIONS DISCUSS INSTRUMENTS FOR THE MEASUREMENT OF DUST EMISSIONS IN SECTION 1 AND OF SULFUR DIOXIDE EMISSIONS IN SECTION 2. EACH SECTION CONTAINS INFORMATION RELATIVE TO: 1) DETERMINING THE FUNCTIONAL ACCURACY OF THE MEASURING DEVICE, 2) DETERMINING THE MEASURING RESULTS, AND 3) EVALUATING THE MEASURING RESULTS. THE FEDERAL MINISTER OF THE INTERIOR AND STATE (LAND) AUTHORITIES AGREED ON THE INSTRUCTIONS IN THE STATES' COMMITTEE FOR IMMISSIONS PROTECTION, AND THE MINISTER RECOMMENDS THAT STATE AUTHORITIES ISSUE ADMINISTRATIVE REGULATIONS CONFORMING TO THE INSTRUCTIONS. (THE INSTRUCTIONS ARE ISSUED UNDER THE GENERAL TITLE: "FEDERALLY UNIFORM PRACTICE FOR MONITORING EMISSIONS FROM FACILITIES PURSUANT TO SECTION 4, PARA. 4 OF THE FEDERAL NUISANCE LAW.")

GERMANY,FED REP OF "APRIL 4, 1975 APPLICABILITY OF MEASURING DEVICES FOR CONTINUOUS REGISTRATION OF EMISSIONS." GEMEINSAMES MINISTERIALBLATT. 14
GERMANY,FED REP OF. MINISTRY OF THE INTERIOR EPA
LB(A) GERMAN 04/22/75 PGS 373-376 ID# 02033W

THIS NOTICE OF THE FEDERAL MINISTER OF THE INTERIOR LISTS THE INSTRUMENTS TYPE-TESTED BY AUTHORIZED INSTITUTES AND FOUND SUITABLE FOR MEASURING EMISSIONS FROM VARIOUS TYPES OF FACILITIES. THE FOLLOWING INFORMATION IS GIVEN FOR EACH INSTRUMENT: NAME; MANUFACTURER; TYPE OF FACILITY FOR WHICH SUITED; LIMITATIONS, IF ANY; AND TEST REPORTS (LISTING THE TESTING INSTITUTES, DATES AND NUMBERS OF THE REPORTS FOR EACH DEVICE). SECTIONS OF THE NOTICE LIST MEASURING DEVICES FOR 1) DUST CONTENT, 2) SMOKE DENSITY, AND 3) SULFUR DIOXIDE. SECTION 4 GIVES CALIBRATION INSTRUCTIONS. ALSO ATTACHED IS THE NOTICE OF NOV. 7, 1975 ON "APPLICABILITY OF MEASURING DEVICES FOR CONTINUOUS REGISTRATION OF EMISSIONS" (GEMEINSAMES MINISTERIALBLATT. 30, DEC. 12, 1975, PP 789-800). LISTING ADDITIONAL DUST AND SMOKE MEASURING DEVICES. THE NOTICES ARE ISSUED PURSUANT TO THE "APRIL 8, 1975 INSTRUCTIONS FOR THE APPLICABILITY TESTING, THE INSTALLATION AND MAINTENANCE OF CONTINUOUSLY REGISTERING EMISSIONS MEASURING DEVICES."

GERMANY,FED REP OF — LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. GERMANY. 1975 SUPPLEMENT

EPA
LG(D) ENGLISH 09/00/75 PGS 1-0 ID# 033220
*GENERAL WATER SOLID WASTE NOISE RADIATION

GERMANY,FED REP OF — "AIR POLLUTION AND HEALTH." FRANKFURTER ALLGEMEINE ZEITUNG

EPA
PM(D) GERMAN 04/17/75 PGS 1 ID# 037988

A TEST PROJECT TO DETERMINE WHETHER AIR POLLUTION AFFECTS THE HEALTH OF CHILDREN AND OLDER PEOPLE IS BEING CARRIED OUT IN THE RUHR AREA BY THE DIVISION OF HYGIENE AND LABOR MEDICINE AT THE TECHNICAL UNIVERSITY OF AACHEN. PEOPLE FROM DISTRICTS OF THE CITY OF OBERHAUSEN ARE BEING TESTED. GOVERNMENT REPORTS HAVE INDICATED THAT THE CITY LIES IN A HEAVILY POLLUTED AREA, WHERE SOME AIR POLLUTANTS EXCEED RECOMMENDED THRESHOLDS. THE TESTS ARE TO DETERMINE IF AIR POLLUTION IS RELATED TO CHRONIC DAMAGES IN OLD PEOPLE AND IF CHILDREN'S HEALTH IS PERHAPS IMPAIRED BY IRRITATING GASES. THE EXAMINATIONS WILL INCLUDE X-RAYS OF THE LUNGS AND NASAL CAVITY AND BLOOD TESTS. THE BLOOD WILL BE ANALYZED FOR TRACES OF HEAVY METALS SUCH AS LEAD, CADMIUM AND CARBON MONOXIDE. A SMALLER GROUP FROM A LESS POLLUTED RUHR AREA WILL SERVE AS A CONTROL.

GREAT BRITAIN — ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. UNITED KINGDOM VOLUME. 1975 SUPPLEMENT.

EPA
LG(D) ENGLISH 09/00/75 PGS 1-107 ID# 033250
ALSO PMA
*GENERAL WATER SOLID WASTE NOISE RADIATION TOXIC SUBS

GREAT BRITAIN — "ENVIRONMENTAL PROGRAMMES IN THE UNITED KINGDOM WITH SPECIAL REFERENCE TO... THE HYDROLOGICAL CYCLE." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, Vo 1 BEDDOE, A. E.

EPA
PM(D) ENGLISH 05/00/75 PGS 41-51 ID# 039644
ALSO LRD, PMA AND SE
*WATER LAND USE SOLID WASTE NOISE RADIATION

AIR

ISRAEL "CRITIQUE OF ISRAEL'S AIR QUALITY STANDARDS." AIR QUALITY SELECTED TOPICS 1974-1975
JONES, K. M.
EPA
PWIDJ ENGLISH 00/00/76 PGS 12-23 ID# 036004
ALSO LAB

THE MAIN PURPOSE OF THIS PAPER IS TO COMMENT ON ISRAEL'S EXISTING AIR QUALITY STANDARDS WITH RESPECT TO INTERNATIONAL AND OTHER NATIONAL TRENDS. DESCRIBE SOME OF THEIR BASIC FAULTS AND RECOMMEND NEEDS FOR THE FUTURE. COMMENTS FOCUS ON THE FOLLOWING POLLUTANT CRITERIA: CARBON MONOXIDE, SULFUR DIOXIDE, HYDROGEN SULFIDE, NITROGEN OXIDES, OXIDANTS, LEAD, SUSPENDED PARTICULATES AND HYDROCARBONS. RECOMMENDATIONS INCLUDE THE CREATION OF AN INTERGOVERNMENTAL COMMITTEE TO REVIEW AND REVISE STANDARDS AS ASSESSMENT DATA BECOME AVAILABLE.

ISRAEL "THE AIR QUALITY MONITORING NETWORK OF ISRAEL." AIR QUALITY SELECTED TOPICS 1974-1975
JONES, K. M.
EPA
PWEBD ENGLISH 00/00/76 PGS 55-61 ID# 036016

A NATIONAL AIR QUALITY MONITORING NETWORK FOR ISRAEL HAS BEEN DESIGNED AND WILL BE PUT INTO OPERATION TO SUPPORT BOTH THE SHORT AND LONG TERM NEEDS OF MUNICIPAL AND NATIONAL AIR QUALITY ASSESSMENT PROJECTS NOW UNDERWAY OR PLANNED IN THE REGIONS OF HAIFA, TEL-AVIV, JERUSALEM, BEER-SHEVA AND ASHDOD. INCLUDED IN THE ARTICLE ARE DESCRIPTIONS OF: THE NETWORK, INTERMITTENT AND SEMI-CONTINUOUS STATIONS, SPECIAL MONITORING REQUIREMENTS, THE QUALITY ASSURANCE PROGRAM AND THE DATA STORAGE AND RETRIEVAL SYSTEM. A TABLE DESIGNATING THE DISTRIBUTION AND INSTALLATION SCHEDULE FOR THE NETWORK IS PROVIDED.

ITALY LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. ITALY. IIPS SUPPLEMENT
EPA
LOCPJ ENGLISH 00/00/75 PGS 1-22 ID# 933269
*GENERAL WATER SOLID WASTE RADIATION

JAPAN

"THE CURRENT STATE AND TRENDS OF ENVIRONMENTAL POLLUTION." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE. VOL. I
SHIOZAWA, KIYOSHI
EPA
LR(B) ENGLISH 06/00/75 PGS 129-140 IDH 070224
ALSO PMB AND PMA
WATER

THIS PAPER, PRESENTED AT THE FIRST NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT HELD IN BRASILIA, BRAZIL DURING JUNE 1975, REVIEWS THE CURRENT STATE OF ENVIRONMENTAL POLLUTION IN JAPAN AND MEASURES TAKEN TO COMBAT IT. AREAS OF ENVIRONMENTAL IMPROVEMENT AND DETERIORATION AND NEWLY DEVELOPING AREAS OF ENVIRONMENTAL CONCERN ARE NOTED WITH RELATION TO THE RAPID ECONOMIC DEVELOPMENT OF JAPAN. THE HISTORY OF ENVIRONMENTAL ADMINISTRATION IN JAPAN, THE OBJECTIVES OF THE BASIC LAW FOR ENVIRONMENTAL POLLUTION CONTROL, THE DEVELOPMENT OF SUCH REGULATIONS AS THE POLLUTER PAYS PRINCIPLE, EMISSION AND WATER QUALITY CONTROLS AND STANDARDS, DEVELOPMENT OF UNLEADED GASOLINE, AND SUPERVISORY AND MONITORING SYSTEMS ARE REVIEWED. THE PAPER IS SUPPLEMENTED BY SEVERAL APPENDED FIGURES AND TABLES. AMONG OTHER THINGS, THESE APPENDIXES LIST THE MAJOR ENVIRONMENTAL LAWS, NUMERICAL VALUES FOR AIR AND WATER STANDARDS, AND INTERNATIONAL COMPARISONS OF CERTAIN STANDARDS, EXPENDITURES AND SOCIO-ECONOMIC FACTORS.

LUXEMBURG

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. LUXEMBOURG. 1975 SUPPLEMENT
J. H. DIDIER & ASSOCIATES
EPA
LR(B) ENGLISH 00/00/75 PGS 1-63 IDH 033299
ALSO PMA
*GENERAL WATER NOISE RADIATION TOXIC SUBS

MEXICO

"AUGUST 18, 1975 AGREEMENT DELINEATING LICENSING PROCEDURES FOR THE ESTABLISHMENT OF NEW INDUSTRIES OR THE EXPANSION OF EXISTING ONES." SALUD PUBLICA. VOL. 17, NO.5
EPA
LR(A) SPANISH 09/00/75 PGS 737-739 IDH 016454

THIS AGREEMENT, PROMULGATED BY THE MEXICAN SECRETARIAT OF HEALTH AND WELFARE PURSUANT TO ARTICLES SEVEN AND EIGHT OF THE REGULATION FOR THE PREVENTION AND CONTROL OF ATMOSPHERIC POLLUTION CAUSED BY SMOKE AND PARTICLE EMISSIONS, SETS FORTH THE PROCEDURE FOR THOSE APPLICANTS WHO WISH TO OBTAIN A LICENSE FOR THE ESTABLISHMENT OR EXPANSION OF ANY INDUSTRIAL ACTIVITY WHICH CAUSES EMISSIONS OF SMOKE OR PARTICULATE MATTER. THIS AGREEMENT IS PARTICULARLY APPLICABLE TO STATIONARY COMBUSTION EQUIPMENT, INCINERATORS, OTTO OR DIESEL POWERED INTERNAL COMBUSTION ENGINES AND OTHER PROCESSES MENTIONED IN ARTICLE TWO OF THE AGREEMENT. THE APPLICANT MUST APPLY TO THE SUBSECRETARIAT FOR ENVIRONMENTAL IMPROVEMENT THROUGH THE CENTRAL OFFICES IN THE FEDERAL DISTRICT AND THROUGH THE COORDINATED HEALTH SERVICES IN THE STATES. CONDITIONS FOR APPROVAL OR DENIAL OF APPLICATION, TIME PERIODS, VERIFICATION AND ACTIONS AGAINST FALSIFICATION OF APPLICATION, THE JURISDICTION OF OTHER INVOLVED AUTHORITIES AND REQUIRED NOTIFICATIONS ARE ALSO DESCRIBED.

MEXICO

"AUTOMATIC COMPUTERIZED NETWORK FOR THE MONITORING OF THE AIR IN THE VALLEY OF MEXICO." SALUD PUBLICA DE MEXICO. VOL. 17, NO. 5
MARQUEZ MATAMOROS, ENRIQUE
PW(D) SPANISH 10/00/75 PGS 669-706 EPA ID# 038154
ALSO ST

THIS ARTICLE DESCRIBES THE AIR MONITORING NETWORK (RED COMPUTARIZADA AUTOMATICA DE MONITOREO DEL AIRE DEL VALLE DE MEXICO - RECAMA) BEING INSTALLED BY THE MEXICAN SUBSECRETARIAT FOR ENVIRONMENTAL IMPROVEMENT IN THE MEXICO CITY AREA. THIS AUTOMATIC NETWORK CONSISTS OF 20 STATIONS WHICH CONTINUOUSLY MEASURE SULFUR DIOXIDE AS AN INDICATOR OF INDUSTRIAL AIR POLLUTION AND CARBON MONOXIDE AS AN INDICATOR OF AUTOMOBILE POLLUTION. FIVE OF THESE STATIONS ALSO MEASURE LEVELS OF OZONE, NITROGEN OXIDE, AND NITROGEN DIOXIDE IN THE ATMOSPHERE AS WELL AS SUSPENDED PARTICLES AND METEOROLOGICAL VARIABLES SUCH AS WIND DIRECTION AND SPEED, TEMPERATURE AND HUMIDITY. THERE ARE ALSO TWO MOBILE MONITORING UNITS, A TELEMETRY SYSTEM AND A COMPUTER. RECAMA'S PERFORMANCE SPECIFICATIONS AND METHODS OF MEASUREMENT ARE ALSO DESCRIBED.

MEXICO

"ADMINISTRATION OF ENVIRONMENTAL PROTECTION AND IMPROVEMENT PROGRAMS IN MEXICO." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, VOL. 1
MUNGUIA BALCENA, JORGE
PW(D) SPANISH 06/00/75 PGS 31-39 EPA ID# 038214
ALSO WWR
WATER SOLID WASTE

THIS PAPER, PRESENTED AT THE NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT HELD IN BRASILIA, BRAZIL DURING JUNE 1975, REVIEWS THE ADMINISTRATIVE SET UP AND CURRENT PROGRAMS TO FIGHT AIR AND WATER POLLUTION, IMPROVE URBAN AND RURAL AREAS AND PRESERVE THE ECOLOGY IN MEXICO. IN THIS REGARD, THE RESPONSIBILITIES OF GOVERNMENT, INDUSTRY AND CITIZENS ARE DISCUSSED INCLUDING: MEASURES TO PREVENT INDUSTRIAL AIR POLLUTION BY INSTALLING ANTIPOLLUTION EQUIPMENT AND BY THE ADEQUATE LOCATION OF NEW INDUSTRIES; TECHNICAL, PLANNING AND FINANCIAL ASSISTANCE TO INDUSTRY; REPORTING ON ACCOMPLISHMENTS MADE TO DATE AND MEASURES TO PENALIZE POLLUTERS; ACTIVITIES CONCERNING THE AIR POLLUTION MONITORING PROGRAM; THE FEDERAL AND LOCAL ORGANIZATION OF POLLUTION CONTROL; THE REGISTERING OF DISCHARGERS OF EFFLUENTS; THE DISPOSAL AND RECYCLING OF SOLID WASTES; DEVELOPMENTS IN THE SOLAR ENERGY PROGRAM; AND RELATED STUDIES, PLANS AND PUBLIC EDUCATION FOR ENVIRONMENTAL PROTECTION.

NETHERLANDS

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. NETHERLANDS. 1975 SUPPLEMENT
LANGELAAR, K.
EPA
LR(B) ENGLISH 00/00/75 PGS 1-132 ID# 033260
ALSO PMR
*GENERAL WATER SOLID WASTE NOISE

SCANDINAVIA

"ENVIRONMENTAL PROTECTION AGREEMENT TO BE VALIDATED SHORTLY." MILJOVARDSTRODSBLADET
EPA
LR(B) SWEDISH 09/10/74 PGS 10 ID# 030760A
*GENERAL WATER NOISE SOLID WASTE

SCANDINAVIA

NUMERICAL SIMULATION MODELS AND TRAJECTORY METHODS FOR CALCULATING LONG-DISTANCE TRANSPORT OF AIRBORNE POLLUTANTS. NORDFORSK - SECRETARIAT OF ENVIRONMENTAL SCIENCES
NORDLUND, GORAN, AND ANN-BEATE HENRIKSEN
EPA
STC 8 ENGLISH 00/00/75 PGS 1-76 ID# 037760A
ALSO PMR

THIS TECHNICAL REPORT TO THE NORDFORSK PROJECT "ACIDITY OF PRECIPITATION" IS A CONTRIBUTION TOWARD THE DEVELOPMENT OF TECHNIQUES AND METHODS NECESSARY FOR ASSESSING LONG-RANGE TRANSPORT OF POLLUTANTS IN THE SCANDINAVIAN COUNTRIES. THE FOLLOWING SUBJECTS ARE DEALT WITH: PHYSICAL FORMULATION OF THE TRANSPORT PROBLEM; MODELS USING EULERIAN SOLUTION OF THE TRANSPORT EQUATION; TWO EXAMPLES OF THE PSEUDO-DIFFUSION ERROR IN TRANSPORT CALCULATIONS AND METHODS OF ELIMINATING THIS PROBLEM; DESCRIPTION AND DISCUSSION OF THE QUASI-LAGRANGIAN MODEL WITH COMMENTS ON DEVELOPING A COMPUTER PROGRAM FOR IT; THE SENSITIVITY OF THIS MODEL TO CHANGES IN THE MAIN PARAMETERS; MODELLING THE SCAVENGING OF PRECIPITATION; A GENERAL DESCRIPTION OF TRAJECTORIES; COMPUTING TRAJECTORIES WITH VERTICAL TRANSPORT AND EXPERIMENTS WITH THESE 3-DIMENSIONAL TRAJECTORIES; INVESTIGATION OF SELECTED EPISODES USING TRAJECTORIES; AND EXPERIMENTS TO COMPUTE THE EMISSION OF SULFUR ALONG ISOBARIC TRAJECTORIES.

SOUTH AFRICA

"A QUICK LOOK AT THE SMOKE AND SULPHUR DIOXIDE SITUATION IN SOUTH AFRICA."
ENVIRONMENT 454, VOL. 3, NO. 2
HOLIDAY, E.C.
EPA
PMR(B) ENGLISH 02/00/76 PGS 2 ID# 037774

THIS ARTICLE PRESENTS A BRIEF SUMMARY OF STATISTICS ON SULFUR DIOXIDE AND SMOKE LEVELS IN VARIOUS URBAN AREAS IN SOUTH AFRICA AS COMPILED BY THE AIR POLLUTION RESEARCH GROUP OF THE COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH FROM INFORMATION SUPPLIED BY LOCAL MONITORING AUTHORITIES. SMOKE STATISTICS ARE GIVEN FOR VARIOUS LOCATIONS IN JOHANNESBURG. WHILE BOTH SMOKE AND SULFUR DIOXIDE LEVELS ARE INDICATED FOR LOCATIONS IN CAPE TOWN, DURBAN, PRETORIA AND BLOEMFONTEIN. ESTIMATED TRENDS FOR THESE POLLUTANTS ARE ALSO INDICATED.

AIR

SWEDEN "THE FACTORY WILL BE SHUT DOWN IF THE ENVIRONMENT DOES NOT IMPROVE BEFORE JULY 1." SVENSKA DAGBLADET

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| LP#3: | SWEDISH | 06/10/76 | PGS 01 | EDO | 037968 |

A FOUR-YEAR OLD PRIVATELY OWNED CLOSED FACTORY WITH A WORK FORCE OF 35 IN THE VICINITY OF HARNOSAND HAS BEEN ORDERED TO SHUT DOWN OPERATION IF ITS FLUE GAS IS NOT PURIFIED PROPERLY AND THE FACTORY'S CHIMNEY IS STILL NOT REPAIRED ON JULY 1. ORDERS TO LIMIT THE FLUE GAS EMISSIONS TO 250 MILLIGRAMS PER CUBIC METER GAS WERE ISSUED BY THE COUNTY ADMINISTRATION ALREADY IN JANUARY DUE TO COMPLAINTS FROM THE POPULATION ABOUT POLLUTION, SMELL OF OIL, SMOKE AND DUST ORIGINATING FROM THE PLANT. IF THIS ORDER IS NOT ADHERED TO, EACH MEMBER OF THE FACTORY'S BOARD OF DIRECTORS WILL BE FINED 15,000 SWEDISH KRONOR, ACCORDING TO THIS ARTICLE.

SWEDEN LESS SULFUR - BETTER ENVIRONMENT. A RECENT FROM THE COMMISSION ON MEASURES TO COUNTERACT NEGATIVE EFFECTS OF SULFUR EMISSIONS
SWEDEN. MINISTRY OF AGRICULTURE

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| PM101 | SWEDISH | 00/00/76 | PGS 1-212 | EDO | 037988 |
| | ALSO IN | | | | |

CONSIDERING THE FACT THAT THE EXTENDED USE OF FOSSIL FUELS HAS CAUSED INCREASED POLLUTION FROM SULFUR DIOXIDE AND NITRIC ACID OXIDE IN SWEDEN AND IN THE REST OF EUROPE, THE SWEDISH GOVERNMENT DECIDED TO SURVEY THE NEEDS FOR FURTHER PROVISIONS PROMPTED BY THIS SITUATION. THE RESULTING REPORT BY AN EXPERT COMMISSION DEALS WITH THE FOLLOWING SUBJECTS. POLLUTION CAUSED BY THE BURNING OF FOSSIL FUELS; EMISSION OF SULFUR INTO THE ATMOSPHERE IN SWEDEN AND ABROAD; THE DISTRIBUTION OF SULFUR POLLUTIONS; THE EFFECTS OF ACIDIFICATION; REDUCTION OF SULFUR EMISSIONS FROM OIL BURNING; ASPECTS OF ENERGY POLICY RELATED TO THE RELEASE OF SULFUR EMISSIONS; AND LIMESTONING OF LAKES, RIVERS, AND PRECIPITATION AREAS IN ORDER TO COUNTERACT ACIDITY. THE COMMISSION RECOMMENDS A GRADUAL AUGMENTATION OF GEOGRAPHIC AREAS WHERE SULFUR IN INDUSTRIAL FUEL OIL WOULD BE LIMITED TO 1.0 AND SULFUR IN DOMESTIC FUEL OIL TO 0.3 PERCENTAGE BY WEIGHT, A DECREASE IN SULFUR EMISSIONS FROM THE PROCESSING INDUSTRY, AND A REDUCTION OF INDUSTRIAL FUEL OIL IN FAVOR OF NUCLEAR ENERGY.

SWEDEN "AN IMPACTOR TO BE USED IN CONNECTION WITH THE LIP PROCEDURE FOR THE DETERMINATION OF PARTICLE CONCENTRATION IN AMBIENT AIR." INSTRUMENTS METEO AND AIR POLL. MFG. LAB. STEEN, BJNGT, AND BO JOHANSSON

| | | | | | EPA |
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| STP 3 | ENGLISH | 03/00/76 | PGS 1-19 | EDO | 037654 |

A ONE-STAGE ACCESSORY IMPACTOR HAS BEEN CONSTRUCTED TO BE PLACED IN FRONT OF THE FILTER IN A LIP SAMPLER FOR THE COLLECTION OF PARTICLES IN AMBIENT AIR. ITS COLLECTION EFFICIENCY FOR DIFFERENT PARTICLE SIZES OF MONODISPERSE FLUE ASH HAS BEEN DETERMINED BY MEANS OF A LIGHT-SCATTERING PARTICLE COUNTER IN FRONT OF AND BEHIND THE IMPACTOR. TESTS IN WHICH THE COLLECTION PLATE WAS COVERED WITH GREASE PROVED TO BE LESS EFFICIENT THAN WHEN THE PLATE WAS UNCOVERED. TESTS USING AEROSOLS NORMALLY PRESENT IN THE LABORATORY INDICATED THAT AGGLOMERATES COULD BE BROKEN TO PIECES IN THE IMPACTOR RESULTING IN A HIGHER CONCENTRATION OF SMALL PARTICLES BEHIND THE IMPACTOR THAN IN FRONT OF IT. COMPLEMENTARY STUDIES OF THE DISINTEGRATION OF PARTICLE AGGLOMERATES AND THE USE OF DIFFERENT COVER MATERIALS FOR THE COLLECTION PLATE WILL BE NECESSARY BEFORE USING THE IMPACTOR FOR ROUTINE PURPOSES.

SWEDEN "MEASUREMENT OF OZONE IN GOTHENBURG ... AND STUDIES OF CO-VARIATIONS BETWEEN OZONE AND OTHER AIR POLLUTANTS." IVL-SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY
GRENNFELT, PERINGE
EPA
STC 1 ENGLISH 01/00/75 PGS 1-36 ID# 037684

THIS STUDY REPORTS ON MEASUREMENTS OF OZONE PERFORMED DURING THE PERIOD JANUARY 1972 TO AUGUST 1973 IN GOTHENBURG. INCREASED LEVELS OF OZONE WERE OCCASIONALLY OBSERVED. THE HIGHEST ONE-HOUR MEAN IN 1972 WAS 110 PPB AND IN 1973, 97 PPB. HIGH OZONE PEAK CONCENTRATIONS AT SAMPLING STATIONS IN AND AROUND GOTHENBURG COINCIDED IN TIME WITH INCREASED CONCENTRATIONS OF PARTICLE-BORNE SULFUR, AND IN MANY INSTANCES ALSO OF SOOT. PRECIPITATION OCCURRING AT THE TIME OF INCREASED OZONE CONCENTRATIONS WAS FOUND TO CONTAIN HIGH CONCENTRATIONS OF STRONG ACID.

SWEDEN "INVESTIGATION OF LONG DISTANCE AIR-BORNE PARTICULATE MATTER DURING THE DECEMBER EPISODE 1972." IVL - SWEDISH WATER AND AIR RESEARCH LABORATORY
ANDREASSON, KENTH, AND OTHERS
EPA
STC 1 ENGLISH 03/00/73 PGS 1-27 ID# 037704

ALTHOUGH THE SOURCE OF BLACK AIR-BORNE PARTICLES, WHICH ARE OBSERVED RATHER FREQUENTLY IN SWEDEN, HAS BEEN TRACED, THEIR COMPOSITION AND PROPERTIES HAD NOT BEEN DETERMINED PRIOR TO THE DETAILED INVESTIGATION DESCRIBED IN THIS BOOKLET. THE PARTICLES WERE COLLECTED AND COUNTED ON THE WEST COAST. THE SAMPLES WERE THEN ANALYZED WITH RESPECT TO TOTAL MASS AS WELL AS TOTAL AND WATER SOLUBLE SULFATE AND IRON. LEACH SOLUTIONS OF THE SAMPLES WERE TITRATED AND THEIR CONCENTRATION OF ACID DETERMINED. ONE OF THE LEACH SOLUTIONS WAS ANALYZED WITH RESPECT TO MOST RELEVANT IONS. ON THE BASIS OF THIS ANALYSES, A SYNTHETIC SOLUTION WAS PREPARED IN ORDER TO DETERMINE ACID. NO MEASUREABLE AMOUNT OF FREE STRONG ACID WAS FOUND. THE SOLUTION CONTAINED ACID, HOWEVER, DUE TO THE HYDROLYSES OF THE IRON (III) AND THE ALUMINUM IONS. FOR THE ASSESSMENT OF THE EFFECT OF PARTICLES IN CONNECTION WITH THE ACIDIFICATION OF LAKES AND SOIL, IT IS PROBABLY NECESSARY TO DETERMINE THEIR CONTENT OF FREE STRONG ACID AS WELL AS WATER-SOLUBLE IRON (III) AND ALUMINUM SALTS.

SWEDEN "THE SAMPLING EFFICIENCY OF TWO TYPES OF INLETS COMMONLY USED FOR THE SAMPLING OF AEROSOLS IN AMBIENT AIR." IVL - SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY
STEEN, BENGT, AND BO JOHANSSON
EPA
STC 1 ENGLISH 03/00/75 PGS 1-27 ID# 037754

THE SAMPLING EFFICIENCY OF THE INLETS USED IN CONNECTION WITH THE LID PROCEDURE FOR MEASUREMENTS OF PARTICLE MASS CONCENTRATION AND THE OECD-METHOD FOR SMOKE MEASUREMENTS HAVE BEEN DETERMINED IN A WIND TUNNEL FOR DIFFERENT PARTICLE SIZES AND WIND SPEEDS. A TOP-SPINNING DISC AEROSOL GENERATOR HAS BEEN USED TO PRODUCE A POLYDISPERSE METHYLENE BLUE AEROSOL. THE CONCENTRATION OF DIFFERENT PARTICLE SIZE CLASSES IN THE AEROSOL HAS BEEN DETERMINED FOR EACH WIND SPEED BY MEANS OF OPTICAL MICROSCOPY AFTER SIMULTANEOUS SAMPLING ON THREE FILTERS USING THE OECD, THE LID, AND AN ISOKINETIC INLET. THE SAMPLING EFFICIENCY HAD BEEN CALCULATED ASSUMING THAT THE TRUE VALUE WAS OBTAINED BY THE ISOKINETIC SAMPLER. THE SAMPLING EFFICIENCY OF THE LID-INLET WAS FOUND TO BE PRACTICALLY 100 PERCENT FOR ALL WIND SPEEDS UP TO 10 M/S AND PARTICLES WITH EQUIVALENT AERODYNAMIC DIAMETERS BELOW 10 MICROMETERS. THE EFFICIENCY OF THE OECD-INLET WAS SIGNIFICANTLY LOWER THAN 100 PERCENT AND DECREASED WITH INCREASING WIND SPEED AND PARTICLE SIZE.

SWEDEN

"ACID PARTICULATE AIR POLLUTANTS IN SWEDEN." IVL - SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY
BRODSET, CYRIL
EPA
STC ) ENGLISH 02/00/75 PGS 1-34 ID# 037814
ALSO PHB

IT HAS BEEN ESTABLISHED THAT MORE OR LESS ACID AMMONIUM SULFATE AEROSOLS ARE EPISODICALLY ENTERING THE AIR OF SWEDEN. FOR THE MOST PART, THESE AEROSOLS ARE GENERATED BY EMISSIONS FROM REMOTE SOURCES AND TRANSPORTED TO SCANDINAVIA UNDER CERTAIN WEATHER CONDITIONS. THIS REPORT COVERS THE FOLLOWING RELATED SUBJECTS: SOOT AND SULFUR EPISODES; THE CHEMICAL NATURE OF THE PARTICLE-BORNE SULFUR; FORMATION MECHANISMS FOR BLACK AND WHITE SULFUR EPISODES; THE INTERACTION OF THE SULFUR EPISODES WITH THE LOCAL POLLUTION; CHANGE IN THE ACIDITY CONTENT IN PARTICLES DURING TRANSPORT OVER LAND; SYSTEMATIC MEASUREMENTS OF THE SULFUR CONCENTRATION IN PARTICLES IN SWEDEN; AND POSSIBLE DEPOSITION OF ACID AMMONIUM SULFATES IN THE RESPIRATORY TRACTS OF MAN. IT IS CONCLUDED THAT PARTICULATE POLLUTION, WHICH ARISES WHEN THE LONG DISTANCE TRANSPORTED AEROSOLS ARE MIXED WITH LOCAL EMISSIONS, IS INSUFFICIENTLY INVESTIGATED. THIS IS EVEN MORE THE CASE WITH REGARD TO HEALTH AND CORROSION EFFECTS CAUSED BY THE EPISODES IN QUESTION.

SWEDEN

"IS HYDROGEN SULFIDE A SUITABLE ODOR INDICATOR FOR RECOVERY FURNACES?"
IVL - SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY
GRENNFELT, PERINGE, AND TOMMY LINDVALL
EPA
STC ) SWEDISH 12/00/74 PGS 1-12 ID# 037844

IN RECENT SWEDISH EMISSION REGULATIONS FOR HYDROGEN SULFIDE FROM RECOVERY FURNACES OR KRAFT PULP MILLS, IT IS UNDERSTOOD THAT THIS COMPOUND IS THE DOMINATING ODORANT IN THE FLUE GASES AND THAT A CHANGE IN HYDROGEN SULFIDE CONCENTRATION ALSO WILL LEAD TO A CORRESPONDING CHANGE IN ODOR STRENGTH. HOWEVER, DIFFERENT LABORATORY INVESTIGATIONS SHOW THAT THE ODOR THRESHOLD CONCENTRATION OF PURE HYDROGEN SULFIDE MAY VARY MUCH MORE THAN THAT OF OTHER COMPOUNDS WITH A CORRESPONDING ODOR STRENGTH. IN FLUE GASES FROM RECOVERY FURNACES AND LIME KILNS THIS VARIATION IS STILL MORE PRONOUNCED. AT SOME RECOVERY FURNACES HYDROGEN SULFIDE CAN BE A SUITABLE ODOR INDICATOR, BUT IN SOME CASES ITS PROGNOSIS VALUE IS DOUBTFUL. FOR THE TIME BEING IT IS NECESSARY TO INVESTIGATE THE SPECIFIC RELATION BETWEEN THE FLUE GAS ODOR AND HYDROGEN SULFIDE BEFORE A PROGNOSIS CAN BE MADE.

SWITZERLAND

EMISSIONSKATASTER FUER MOTORFAHRZEUGE IN DER SCHWEIZ (EMISSIONS SURVEY MAPS FOR MOTOR VEHICLES IN SWITZERLAND)
SWITZERLAND. FEDERAL OFFICE FOR ENVIRONMENTAL PROTECTION EP-
PHCB) GERMAN 08/00/76 PGS 1-110 ID# 038244

THIS PUBLICATION, SUBTITLED "EMISSIONS OF AIR POLLUTING SUBSTANCES FROM ROAD TRAFFIC - 1970," REPRESENTS WORK CARRIED OUT BY A PRIVATE FIRM UNDER CONTRACT TO THE FEDERAL OFFICE FOR ENVIRONMENTAL PROTECTION. IT CONTAINS STATISTICAL DATA ON THE QUANTITIES OF EXHAUST GASES EMITTED BY MOTOR VEHICLES IN ROAD TRAFFIC IN SWITZERLAND, DIFFERENTIATED BY LOCATION AND TIME PERIOD. THE DATA FORM A PRELIMINARY STEP IN THE DEVELOPMENT OF A COMPREHENSIVE AND DETAILED SURVEY MAP OF AIR POLLUTION FROM MOBILE SOURCES. THE PUBLICATION COMPRISES THE FOLLOWING CHAPTERS: INTRODUCTION (PURPOSE AND SCOPE OF PROJECT); OCCURRENCE OF TRAFFIC IN MUNICIPAL AGGLOMERATIONS; OCCURRENCE OF TRAFFIC IN RURAL AREAS (MAJOR RURAL ROADS AND LAND PARCELS); CHARACTERISTICS OF EMISSIONS; EMISSIONS OF POLLUTANTS AND FUEL CONSUMPTION; AND COMPUTATION OF ERROR. APPENDIXES CONTAIN: A BIBLIOGRAPHY, COPY OF THE CONTRACT, EXPLANATION OF SYMBOLS, AND SIX MAPS. FOUR TECHNICAL SUPPLEMENTS, INCLUDING COMPUTER PROGRAMS, ARE AVAILABLE UPON REQUEST.

WHO

SELECTED METHODS OF MEASURING AIR POLLUTANTS. (WHO OFFSET PUBLICATION NO. 24)
WORLD HEALTH ORGANIZATION
STE ) EPA
ENGLISH 00/00/76 PGS 1-112 ID# 017834

THIS MANUAL, PUBLISHED UNDER THE JOINT SPONSORSHIP OF THE UNITED NATIONS ENVIRONMENT PROGRAMME AND THE WORLD HEALTH ORGANIZATION (WHO), WAS PREPARED AS PART OF WHO'S AIR POLLUTION MONITORING PROGRAM INITIATED IN LATE 1967. IT IS INTENDED TO BE USEFUL TO LABORATORY WORKERS ALL OVER THE WORLD. THE MANUAL CONSIDERS THE MOST WIDELY USED METHODS FOR ROUTINE MEASUREMENT OF PARTICULATE MATTER, SULFUR DIOXIDE, CARBON MONOXIDE, OXIDES OF NITROGEN, AND OXIDANTS. ONE COMPARISON METHOD IS DESCRIBED FOR EACH. THE APPLICATION OF SOME OF THESE METHODS TO SPECIAL TYPES OF WORK IS ALSO DISCUSSED. FINALLY, THERE IS A GUIDE FOR PROCESSING AND REPORTING AIR POLLUTION DATA. NUMEROUS FIGURES AND CHARTS SUPPLEMENT THE TEXT.

GENERAL

BELGIUM

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
BELGIUM. 1975 SUPPLEMENT
J. M. GIDDEN & ASSOCIATES
LPEB) EPA
ENGLISH 00/00/75 PGS 1-91 ID# 033230
ALSO PHA
AIR WATER SOLID WASTE NOISE

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES. THIS DOCUMENT IS THE 1975 UPDATE OF THE COMPREHENSIVE REPORT ON BELGIAN ENVIRONMENTAL LAWS AND PRACTICES PUBLISHED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 033234). AFFECTED ARE SECTIONS OF THE ORIGINAL REPORT COVERING PUBLIC AUTHORITIES AND POLLUTION CONTROL; AIR POLLUTION; INLAND WATERS; MARINE POLLUTION; DEPOSIT OF WASTES ON LAND; NOISE AND VIBRATION; AND PRODUCT CONTROL. IN NOTING CHANGES AND DEVELOPMENTS, THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE ORIGINAL DOCUMENT.

GENERAL

BRAZIL

LR(B)

PRIMER ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE. VOL. I
(FIRST NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT. VOL. I)
BRAZIL. SPECIAL SECRETARIAT FOR THE ENVIRONMENT EPA
ENGLISH 06/00/75 PGS 3-198 ID# 039018
ALSO PRO. SE AND PRA/MALSO SPANIS

THIS, THE FIRST VOLUME OF THE PROCEEDINGS OF THE BRAZILIAN NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT, CONTAINS THE PAPERS DELIVERED BY REPRESENTATIVES FROM THE UNITED STATES, GREAT BRITAIN, MEXICO, JAPAN, CANADA, OAS, AND THE EUROPEAN COMMUNITIES ON THE STATE OF ENVIRONMENTAL PROTECTION AND THE ESTABLISHMENT OF ENVIRONMENTAL QUALITY CRITERIA IN THEIR RESPECTIVE COUNTRIES OR ORGANIZATIONS. SERVING AS AN INTRODUCTION TO THE SECOND VOLUME OF THE CONFERENCE PROCEEDINGS, WHICH CONTAINS THE PAPERS ON BRAZILIAN ENVIRONMENTAL PROBLEMS (SEE ID NO. 038118). THE FIRST VOLUME IS TO SERVE AS A REFERENCE TOOL OFFERING GUIDELINES, COMPARISONS AND RECOMMENDATIONS WHICH CAN BE TAKEN INTO CONSIDERATION IN ENVIRONMENTAL PROTECTION PROGRAMS IN BRAZIL. (THE PAPERS IN THIS VOLUME REPORTING ON GREAT BRITAIN, MEXICO, JAPAN, AND THE EUROPEAN COMMUNITIES HAVE BEEN INDIVIDUALLY ABSTRACTED AND APPEAR UNDER THE APPROPRIATE COUNTRY HEADINGS.)

BRAZIL

PWE(B)

PRIMER ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE. VOL. II
(FIRST NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT. VOL. II)
BRAZIL. SPECIAL SECRETARIAT FOR THE ENVIRONMENT EPA
PORTUGUESE 06/00/75 PGS 199-389 ID# 038118
ALSO LRD. PWA AND SE
WATER AIR SOLID WASTE LAND USE

VOLUME II OF THE PROCEEDINGS OF THE FIRST BRAZILIAN CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT CONTAINS PAPERS BY BRAZILIAN ENVIRONMENTALISTS DISCUSSING ENVIRONMENTAL PROBLEMS IN BRAZIL AND THE MEASURES CURRENTLY UNDERWAY OR SUGGESTED TO REMEDY THEM. (VOLUME [illegible] WHICH COMPILES PAPERS DELIVERED BY FOREIGN PARTICIPANTS, APPEARS AS ID NO. 038114). THE INDIVIDUAL PROBLEMS OF WATER, AIR AND SOIL POLLUTION IN CERTAIN POPULATED AREAS OF BRAZIL ARE DISCUSSED AS WELL AS GENERAL BRAZILIAN PROBLEMS INVOLVING SOLID WASTE, LAND USE, DEVELOPMENT PLANNING, SOCIO-ECONOMIC EFFECTS OF ENVIRONMENTAL DETERIORATION AND THE FUTURE ADMINISTRATIVE AND TECHNICAL NEEDS FOR ENVIRONMENTAL PROTECTION. LAWS, PROGRAMS AND ACTIVITIES ON THE INTERNATIONAL, NATIONAL, STATE AND LOCAL LEVELS ARE DESCRIBED; THESE REFLECT BRAZIL'S APPROACH TO THE PROBLEM OF ENVIRONMENTAL PROTECTION AS A FEDERAL REPUBLIC IN WHICH ENVIRONMENTAL PROTECTION IS PRIMARILY THE RESPONSIBILITY OF STATE ORGANIZATIONS AS COORDINATED BY THE FEDERAL GOVERNMENT.

DENMARK

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. DENMARK. 1975 SUPPLEMENT
JENSEN, CLAUS HAGEN
(LREG) EPA
ENGLISH 11/00/75 PGS 1-40 ID# 033278
ALSO PMA
AIR WATER SOLID WASTE RADIATION TOXIC SUBS

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES. THIS DOCUMENT IS THE 1975 UPDATE OF THE COMPREHENSIVE REPORT ON ENVIRONMENTAL LAWS AND PRACTICES IN DENMARK PREPARED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 033274). AFFECTED ARE SECTIONS OF THE ORIGINAL REPORT COVERING: AUTHORITIES AND POLLUTION CONTROL; AIR POLLUTION; POLLUTION OF INLAND WATERS; MARINE POLLUTION; DEPOSIT OF WASTES ON LAND; RADIATION; AND PRODUCT CONTROL. IN NOTING CHANGES AND DEVELOPMENTS, THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE 1974 DOCUMENT.

EUROPEAN COMMUNITIES

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. COMPARATIVE VOLUME. 1975 SUPPLEMENT
(LREG) EPA
ENGLISH 00/00/75 PGS 1-44 ID# 033210
AIR WATER SOLID WASTE NOISE RADIATION TOXIC SUBS

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES. THIS DOCUMENT IS THE 1975 UPDATE OF THE COMPREHENSIVE REPORT COMPARING ENVIRONMENTAL LAWS AND PRACTICES IN THE MEMBER STATES OF THE EUROPEAN COMMUNITIES PUBLISHED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 033211). COMPARISONS ARE BASED ON LEGISLATIVE AND ADMINISTRATIVE DEVELOPMENTS AS DESCRIBED IN THE 1975 SUPPLEMENTS TO VOLUMES ON BELGIUM (033230), DENMARK (033278), FRANCE (033300), THE FEDERAL REPUBLIC OF GERMANY (033220), IRELAND (033260), ITALY (033240), LUXEMBOURG (033290), THE NETHERLANDS (033260), AND THE UNITED KINGDOM (033250). AFFECTED ARE SECTIONS OF THE ORIGINAL COMPARATIVE REPORT COVERING: MEMBER STATES' AUTHORITIES AND POLLUTION CONTROL; AIR POLLUTION; INLAND WATERS; COASTAL WATERS; MARINE POLLUTION; DEPOSIT OF WASTES ON LAND; NOISE; RADIATION; AND PRODUCT CONTROL. IN NOTING CHANGES AND DEVELOPMENTS, THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE 1974 DOCUMENT.

EUROPEAN COMMUNITIES

"IMPLEMENTATION OF AN ENVIRONMENTAL HEALTH POLICY IN THE EUROPEAN COMMUNITIES." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE. VOL. 1
SHEETS, J.
(PREG) EPA
ENGLISH 00/00/75 PGS 19-30 ID# 039208
ALSO SE
AIR WATER NOISE

THIS PAPER, PRESENTED AT THE FIRST NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT HELD IN BRASILIA, BRAZIL DURING JUNE 1975, REVIEWS THE ACTIVITIES OF THE EUROPEAN COMMUNITIES IN IMPLEMENTING AND ADMINISTERING ITS NOVEMBER 22, 1973 ACTION PROGRAM ON THE ENVIRONMENT. AN INTRODUCTORY DESCRIPTION OF THE EUROPEAN COMMUNITIES IS GIVEN AS WELL AS BACKGROUND INFORMATION LEADING UP TO THE ESTABLISHMENT OF THE ACTION PROGRAM ON THE ENVIRONMENT. THE PROGRAM REQUIRES HARMONIZATION OF LEGISLATION AND OF MEASURES TO BE TAKEN BY THE NINE MEMBER COUNTRIES AND LAYS DOWN REQUIREMENTS FOR MEMBER CONTACT WITH NON-MEMBER COUNTRIES AND INTERNATIONAL AGENCIES ON ENVIRONMENTAL MATTERS. CURRENT ACTIONS AND PROPOSALS FOR THE IMPLEMENTATION OF THE PROGRAM ARE DESCRIBED, INCLUDING ADMINISTRATIVE PROCEDURES, ADOPTION OF THE POLLUTER PAYS PRINCIPLE, JOINT ENVIRONMENTAL RESEARCH, DISSEMINATION OF KNOWLEDGE AND THE SETTING OF STANDARDS FOR AIR, WATER, AND SPECIFIED POLLUTANTS.

GENERAL

FRANCE

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. FRANCE. 1975 SUPPLEMENT

LR(8) ENGLISH 00/00/75 PGS 1-37 EPA ID# 033309
ALSO PRA
AIR WATER SOLID WASTE NOISE RADIATION

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES. THIS DOCUMENT IS THE 1975 UPDATE OF THE COMPREHENSIVE REPORT ON FRENCH ENVIRONMENTAL LAWS AND PRACTICES PUBLISHED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 033308A). AFFECTED ARE SECTIONS OF THE ORIGINAL REPORT COVERING: GOVERNMENTAL AUTHORITIES AND POLLUTION CONTROL; AIR POLLUTION; INLAND WATERS AND WATERS USED FOR WATER SUPPLY; DEPOSIT OF WASTES ON LAND; NOISE AND VIBRATION; AND NUCLEAR ENERGY. IN NOTING CHANGES AND DEVELOPMENTS. THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE 1974 DOCUMENT.

GERMANY,FED REP OF

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. GERMANY. 1975 SUPPLEMENT

LR(9) ENGLISH 00/00/75 PGS 1-9 EPA ID# 033220
AIR WATER SOLID WASTE NOISE RADIATION

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES. THIS DOCUMENT IS THE 1975 UPDATE OF THE COMPREHENSIVE REPORT ON ENVIRONMENTAL LAWS AND PRACTICES IN THE FEDERAL REPUBLIC OF GERMANY PREPARED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 033220A). AFFECTED ARE SECTIONS OF THE ORIGINAL REPORT DEALING WITH: AUTHORITIES AD POLLUTION CONTROL; AIR POLLUTION; INLAND WATERS; MARINE POLLUTION; DEPOSIT OF WASTES ON LAND; NOISE POLLUTION; AND RADIATION. IN NOTING CHANGES AND DEVELOPMENTS. THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE 1974 DOCUMENT.

GERMANY,FED REP OF

FIFTH REPORT OF THE FEDERAL GOVERNMENT ON RESEARCH
GERMANY,FED REP OF. MINISTRY FOR RESEARCH AND TECHNOLOGY EPA
BWER) ENGLISH 00/00/76 PGS 1-49 ID# 037824

THE PURPOSE OF THIS PUBLICATION IS TO SHOW HOW RESEARCH POLICY, AS PART OF TOTAL GOVERNMENT POLICY, CAN HELP SOLVE CURRENT AND FUTURE SOCIAL PROBLEMS. SECTION 2 OF PART 3 (PRIORITIES OF RESEARCH PROMOTION) CONTAINS A DISCUSSION OF RESEARCH OBJECTIVES IN ENVIRONMENTAL PLANNING AND ENGINEERING. SPECIFIC PARTS OF THE DISCUSSION DEAL WITH PLANS IN THE AREAS OF: NATURE AND THE COUNTRYSIDE; WASTE DISPOSAL; AIR AND NOISE; WATER; ENERGY AND THE ENVIRONMENT; AND PHYSICAL PLANNING AND URBAN DEVELOPMENT. PARTS 1 AND 2 OF THE PUBLICATION TREAT GENERAL RESEARCH AIMS IN ALL AREAS, INCLUDING THE ENVIRONMENT, AND THE DIVISION OF LABOR AND COOPERATION IN THE PROMOTION OF RESEARCH BY GOVERNMENT, SCIENCE AND INDUSTRY.

GENERAL

GERMANY,FED REP OF "INDUSTRY DOES RESEARCH FOR ENVIRONMENTAL PROTECTION." SUEDDEUTSCHE ZEITUNG
SCHNEIDER, CHRISTIAN
EPA
SEE 3 GERMAN 05/17/76 PGS 20 ID# 037094

THE CHEMICAL INDUSTRY IN THE FEDERAL REPUBLIC OF GERMANY SPENT ABOUT TWO BILLION MARKS FOR ENVIRONMENTAL PROTECTION IN 1974 COMPARED TO ONLY 300 MILLION MARKS IN 1964. ACCORDING TO THE PRESIDENT OF THE ASSOCIATION OF THE CHEMICAL INDUSTRY SPEAKING AT THE ORGANIZATION'S THIRD ENVIRONMENTAL FORUM IN MUNICH, ABOUT ONE-FOURTH OF THE INDUSTRY'S RESEARCH BUDGET IS SPENT SEEKING ENVIRONMENTALLY NEUTRAL PRODUCTS AND PRODUCTION PROCEDURES. THE PRESIDENT ADVOCATED TAX ADVANTAGES FOR INVESTMENTS IN ENVIRONMENTAL PROTECTION AND FAVORED ENVIRONMENTAL MEASURES TAKEN UNIFORMLY AT THE EUROPEAN LEVEL TO PREVENT INEQUITIES IN INTERNATIONAL COMPETITION. AT THE SAME FORUM, THE BAVARIAN MINISTER FOR LAND DEVELOPMENT AND ENVIRONMENTAL QUESTIONS STATED THAT BAVARIAN ENVIRONMENTAL POLICY ATTEMPTS TO ACHIEVE STEADY PROGRESS WITHIN THE REALM OF ECONOMICALLY REALIZABLE GOALS. HE NOTED THAT STRICT GERMAN ENVIRONMENTAL LAWS AFFORD GERMAN INDUSTRY AN OPPORTUNITY TO INCREASE MARKETS BY DEVELOPING NEW TECHNOLOGIES AND PRODUCTION PROCESSES.

GREAT BRITAIN ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. UNITED KINGDOM VOLUME. 1975 SUPPLEMENT.
EPA
LPERI ENGLISH 08/00/75 PGS 1-197 ID# 033250
ALSO PMA
AIR WATER SOLID WASTE NOISE RADIATION TOXIC SUBS

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES. THIS DOCUMENT IS THE 1975 UPDATE OF THE COMPREHENSIVE REPORT ON ENVIRONMENTAL LAWS AND PRACTICES IN THE UNITED KINGDOM PUBLISHED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 033254). AFFECTED ARE SECTIONS OF THE ORIGINAL REPORT DEALING WITH: AUTHORITIES AND POLLUTION CONTROL; AIR POLLUTION; POLLUTION OF INLAND WATERS; POLLUTION OF COASTAL WATERS; MARINE POLLUTION; DEPOSIT OF WASTES ON LAND; NOISE POLLUTION; NUCLEAR ENERGY; AND PRODUCT CONTROL. ENVIRONMENTALLY RELEVANT SECTIONS OF THE HEALTH AND SAFETY AT WORK ACT 1974 ARE COVERED IN SOME DETAIL. APPENDED ARE GUIDELINES PRESENTING THE "BEST PRACTICABLE MEANS" FOR THE CONTROL OF POLLUTION FROM: PVC POLYMER PLANTS; LEAD WORKS; ELECTRICITY WORKS; SYNTHETIC NITRIC ACID PLANTS; CRUDE OIL REFINERIES; CHINA CLAY PLANTS; AND DI-ISOCYANATE WORKS. IN NOTING CHANGES AND DEVELOPMENTS, THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE 1974 DOCUMENT.

GENERAL

IRELAND

LR(0)

ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. EIRE. 1975 SUPPLEMENT
EPA
ENGLISH 00/00/75 PGS 1-9 ID# 033288
ALSO PUB
WATER NOISE PESTICIDES

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES. THIS DOCUMENT IS THE 1975 UPDATE OF THE COMPREHENSIVE REPORT ON IRISH ENVIRONMENTAL LAWS AND PRACTICES PREPARED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 033284). AFFECTED ARE SECTIONS OF THE ORIGINAL REPORT COVERING: IRELAND'S AUTHORITIES AND POLLUTION CONTROL; POLLUTION OF INLAND WATERS; POLLUTION BY NOISE AND VIBRATION; AND POLLUTION BY PRODUCTS SUCH AS WEEDKILLERS AND DETERGENTS. IN NOTING CHANGES AND DEVELOPMENTS, THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE 1974 DOCUMENT.

ITALY

LR(0)

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
ITALY. 1975 SUPPLEMENT
EPA
ENGLISH 00/00/75 PGS 1-22 ID# 033268
AIR WATER SOLID WASTE RADIATION

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES. THIS DOCUMENT IS THE 1975 UPDATE OF THE COMPREHENSIVE REPORT ON ENVIRONMENTAL LAWS AND PRACTICES IN ITALY PUBLISHED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 033284). AFFECTED ARE SECTIONS OF THE ORIGINAL REPORT DEALING WITH: GOVERNMENTAL AUTHORITIES AND POLLUTION CONTROL; AIR POLLUTION; POLLUTION OF INLAND WATERS; POLLUTION OF MARINE WATERS; DEPOSIT OF WASTES ON LAND; RADIATION; AND PRODUCT CONTROL. SPECIAL EMPHASIS IS GIVEN TO REGIONAL LEGISLATIVE, REGULATORY AND ADMINISTRATIVE MEASURES. IN NOTING CHANGES AND DEVELOPMENTS, THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE 1974 DOCUMENT.

LUXEMBURG

LR(0)

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
LUXEMBOURG. 1975 SUPPLEMENT
EPA
J. M. DIDIER & ASSOCIATES
ENGLISH 00/00/75 PGS 1-63 ID# 033298
ALSO PUB
AIR WATER NOISE RADIATION TOXIC SUBS

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES. THIS DOCUMENT IS THE 1975 UPDATE OF THE COMPREHENSIVE REPORT ON LUXEMBOURG ENVIRONMENTAL LAWS AND PRACTICES PUBLISHED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 033284). AFFECTED ARE SECTIONS OF THE ORIGINAL REPORT COVERING: PUBLIC AUTHORITIES AND POLLUTION CONTROL; AIR POLLUTION; INLAND WATERS; NOISE AND VIBRATION; NUCLEAR ENERGY; AND PRODUCT CONTROL. IN NOTING CHANGES AND DEVELOPMENTS, THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE 1974 DOCUMENT.

GENERAL

NETHERLANDS

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. NETHERLANDS. 1975 SUPPLEMENT
LANGELAAR, K.
EPA
LP(E) ENGLISH 09/00/75 PGS 1-137 ID# 033268
ALSO PAA
AIR WATER SOLID WASTE NOISE

PREPARED FOR THE COMMISSION OF THE EUROPEAN COMMUNITIES, THIS REPORT UPDATES TO OCTOBER 31, 1975 THE COMPREHENSIVE REPORT ON ENVIRONMENTAL LAW AND PRACTICES IN THE NETHERLANDS PREPARED IN 1974 BY ENVIRONMENTAL RESOURCES LIMITED, LONDON (SEE ID 033264). AFFECTED ARE SECTIONS OF THE ORIGINAL REPORT COVERING: AUTHORITIES AND POLLUTION CONTROL, ESPECIALLY THE SUBSECTION DEALING WITH JURISDICTION AND PROVISIONS AGAINST DECISIONS OF THE GOVERNMENT; AIR POLLUTION; POLLUTION OF INLAND WATERS; POLLUTION OF COASTAL WATERS; MARINE POLLUTION; DEPOSIT OF WASTES ON LAND; NOISE CONTROL; AND PRODUCT CONTROL. IN NOTING CHANGES AND DEVELOPMENTS, THE SUPPLEMENT REFERS DIRECTLY TO SECTIONS AND PARAGRAPHS IN THE 1974 DOCUMENT.

ROMANIA

"ENVIRONMENTAL PROTECTION NECESSARY FEATURE OF ECONOMIC GROWTH." REVISTA ECONOMICA, NO. 12
IANCU, AUREL
EPA
PM(E) ROMANIAN 03/26/76 PGS 18-20 ID# 030194
ALSO SE

ENVIRONMENTAL PROTECTION IS TO BE TREATED AS AN INTEGRAL PART OF ECONOMIC AND SOCIAL GROWTH AND PLANNING IN ROMANIA, ACCORDING TO THIS ARTICLE. LONG-RANGE ENVIRONMENTAL PLANNING WAS ONE OF THE OBJECTIVES SPECIFIED BY THE ELEVENTH CONGRESS OF THE ROMANIAN COMMUNIST PARTY. ABOUT 60 BILLION LEI WILL BE SPENT ON ENVIRONMENTAL TASKS IN THE YEARS 1976-1980. THIS EQUALS 11 PERCENT OF THE NATIONAL INCOME FOR 1975 OR 6.6 PERCENT OF THE INCOME ANTICIPATED FOR 1980. THE ARTICLE DESCRIBES PAST AND PLANNED EFFORTS FOR IMPROVEMENT IN THE CONSERVATION OF RAW MATERIALS AND ENERGY AND PROTECTION OF WATER, SOIL AND TIMBER. IT ALSO DISCUSSES TECHNOLOGICAL IMPROVEMENTS IN REDUCING POLLUTION IN CERTAIN BRANCHES OF INDUSTRY. THE LEGAL AND REGULATORY PROVISIONS FOR CONTROLLING POLLUTION ARE BRIEFLY MENTIONED. THE NATIONAL COUNCIL FOR THE PROTECTION OF THE ENVIRONMENT AND COUNTY ENVIRONMENTAL COMMISSIONS COORDINATE AND GUIDE NATIONAL EFFORTS. (AN ENGLISH TRANSLATION OF THE ARTICLE IS ATTACHED.)

GENERAL

SCANDINAVIA "ENVIRONMENTAL PROTECTION AGREEMENT TO BE VALIDATED SHORTLY." HUFVUDSTADSBLADET
EPA
LP(E) SWEDISH 09/10/74 PGS 1P ID# 0J0064
AIR WATER NOISE SOLID WASTE

DENMARK, NORWAY, SWEDEN, AND FINLAND HAVE NOW RATIFIED THE NORDIC ENVIRONMENTAL CONVENTION, WHICH STIPULATES THAT AN EXAMINING AUTHORITY, BEFORE GRANTING A PERMIT FOR AN ENVIRONMENTALLY DETRIMENTAL ACTIVITY MUST CONSIDER POSSIBLE NUISANCE NOT ONLY IN ITS OWN COUNTRY BUT ALSO IN A NEIGHBORING NORDIC NATION. A CITIZEN OF ONE NORDIC NATION WILL ALSO BE ABLE TO PROTECT HIMSELF AGAINST SUCH ACTIVITIES IN ANOTHER NORDIC NATION. THE CONVENTION CONCERNS: DISCHARGE OF LIQUID OR SOLID WASTE, GAS OR OTHER SUBSTANCE FROM SOIL OR FACILITIES INTO WATERCOURSES, LAKES, OR SEAS; WATER AND AIR POLLUTION; NOISE; VIBRATION; TEMPERATURE CHANGES; IONIZED RADIATION; AND LIGHT. THE CONVENTION IS ALSO IN EFFECT ON THE PARTICIPATING COUNTRIES' CONTINENTAL SHELF AREAS. EACH COUNTRY WILL APPOINT A CONTROLLING AUTHORITY WHOSE TASK IT IS TO GUARD AGAINST DISTURBANCE FROM ENVIRONMENTALLY DETRIMENTAL ACTIVITIES IN THE NEIGHBORING COUNTRIES. ICELAND DID NOT TAKE PART IN THE CONVENTION.

SWEDEN "SLIME CONTROL AGENTS IN SWEDISH PAPER INDUSTRY." SWE - SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY
LANDNER, LARS, AND OTHERS
EPA
STI 3 SWEDISH 12/00/74 PGS 1-81 ID# 038ICA
ALSO PMA

THIS MONOGRAPH DESCRIBES THE HEALTH HAZARDS AND ENVIRONMENTAL EFFECTS CAUSED BY SLIME CONTROL AGENTS AND IDENTIFIES INFORMATION GAPS IN THIS FIELD. IT ALSO CONTAINS AN INVENTORY OF SCIENTIFIC DOCUMENTATION. CHAPTERS COVER THE FOLLOWING: RANGE OF APPLICATION, DOSAGE AND MANNER OF ACTION; SLIME CONTROL AGENTS; UTILIZED PRODUCTS AND CONSUMPTION; ACTIVE COMPONENTS, AUXILIARY CHEMICALS, SOLVENTS, AND POLLUTANTS; DEGREE OF DEGRADATION AND PRODUCTS OF DEGRADATION; DOCUMENTATION OF HEALTH HAZARDS AND ENVIRONMENTAL EFFECTS; PRESENT LEGISLATION, ORDINANCE OR RECOMMENDATION; A SUMMARY OF VIEWPOINTS; GAPS IN INFORMATION AND NEED FOR RESEARCH. REFERENCES AND A LIST OF SLIME CONTROL AGENTS ARE ALSO INCLUDED.

LAND USE

BRAZIL PRIMEIRO ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, VOL. II
(PIAS: NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT, VOL. II)
BRAZIL, SPECIAL SECRETARIAT FOR THE ENVIRONMENT
EPA
PMCSI PORTUGUESE 06/00/75 PGS 199-300 ID# 038110
ALSO LWR, PMA AND SE
*GENERAL WATER AIR SOLID WASTE

FRANCE "LITTORAL CONSERVANCY TO PURCHASE COAST SITES FOR THEIR PROTECTION."
LE FIGARO
LONGIN, GILLES
EPA
PHEBD FRENCH 06/02/76 PGS 12 ID# 037034

THIS ARTICLE DISCUSSES THE ROLE OF THE LITTORAL CONSERVANCY AS ESTABLISHED BY THE JULY 10, 1975 LAW AND THE DECEMBER 11, 1975 DECREE. THE CREATION OF THE CONSERVANCY MARKS AN ATTEMPT BY THE FRENCH GOVERNMENT TO PREVENT THE DEGRADATION OF THE FRENCH SHORELINE THROUGH THE PUBLIC PURCHASE OF BOTH SEASHORE AND LAKESIDE PROPERTY. THE INNOVATIVE CHARACTER OF THE CONSERVANCY RESTS ON THE LEGISLATIVE PROVISION WHICH STIPULATES THAT THE MANAGEMENT OF CONSERVANCY-PURCHASED LANDS BE CARRIED OUT BY THE LOCAL AUTHORITIES, WITH THE ULTIMATE OBJECTIVE OF PROTECTING LITTORAL AREAS FROM ANY INJUDICIOUS USE WITH RESPECT TO THE ENVIRONMENT. THE ARTICLE FURTHER REPORTS ON THE ELECTION OF ROBERT POUJADE, THE FIRST FRENCH ENVIRONMENTAL MINISTER, AS PRESIDENT OF THE CONSERVANCY'S ADMINISTRATIVE COUNCIL. THE COUNCIL CONVENED FOR THE FIRST TIME ON MAY 31 IN ROCHEFORT-SUR-MER (CHARENTE-MARITIME), WHERE THE HEADQUARTERS OF THE ORGANIZATION IS LOCATED.

GERMANY,FED REP OF "NATURE PROTECTION IS EXPANDED." SUEDDEUTSCHE ZEITUNG
EPA
LREGI GERMAN 06/04/76 PGS 1 ID# 037084

A NEW FEDERAL NATURE PROTECTION LAW HAS BEEN PASSED BY THE FEDERAL DIET OF THE FEDERAL REPUBLIC OF GERMANY TO REPLACE THE EXISTING 1935 LAW. THE LAW ESTABLISHES FEDERALLY UNIFORM FRAMEWORK PROVISIONS TO BE SUPPLEMENTED BY LAWS OF THE FEDERAL STATES. THE GOAL OF THE LAW IS TO ENSURE PROTECTION OF ALL NATURE FROM THE HARMFUL INFLUENCES OF TECHNICAL DEVELOPMENT, WHEREAS THE PREVIOUS LAW HAD SPECIFIED PROTECTION OF PARTICULARLY VALUABLE ELEMENTS OF NATURE. AMONG OTHER THINGS, THE NEW LAW PROVIDES THAT LANDSCAPE PLANNING BE MORE CLOSELY COORDINATED WITH LAND PLANNING AND DEVELOPMENT. FOR EXAMPLE, THE PROVISIONS RELATING TO GRAVEL PITS AND OPEN-PIT MINING HAVE BEEN INCREASED IN STRINGENCY AND THE PROVISIONS FOR THE ESTABLISHMENT OF NATURE PROTECTION AREAS HAVE BEEN MADE MORE EXACT.

GREAT BRITAIN "ENVIRONMENTAL PROGRAMMES IN THE UNITED KINGDOM WITH SPECIAL REFERENCE TO... THE HYDROLOGICAL CYCLE." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, V. 1
BEDDOE, J. E.
EPA
PHEPI ENGLISH 06/00/75 PGS 41-51 ID# 038044
ALSO LRB, PHA AND SE
*WATER AIR SOLID WASTE NOISE RADIATION

NOISE

BELGIUM — LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. BELGIUM. 1975 SUPPLEMENT
J. M. DEDIER & ASSOCIATES
LREM) ENGLISH 00/00/75 PGS 1-91 EPA ID# 033230
ALSO PMR
•GENERAL AIR WATER SOLID WASTE

EUROPEAN COMMUNITIES — LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. COMPARATIVE VOLUME. 1975 SUPPLEMENT
LREB) ENGLISH 00/00/75 PGS 1-44 EPA ID# 033210
•GENERAL AIR WATER SOLID WASTE RADIATION TOXIC SUBS

EUROPEAN COMMUNITIES — "IMPLEMENTATION OF AN ENVIRONMENTAL HEALTH POLICY IN THE EUROPEAN COMMUNITIES." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE. VOL. I SHEETS. J.
PMEB) ENGLISH 06/00/75 PGS 19-39 EPA ID# 339074
ALSO SE
•GENERAL AIR WATER

FRANCE — LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. FRANCE. 1975 SUPPLEMENT
LREB) ENGLISH 00/00/75 PGS 1-37 EPA ID# 033190
ALSO PMR
•GENERAL AIR WATER SOLID WASTE RADIATION

GERMANY,FED REP OF — LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. GERMANY. 1975 SUPPLEMENT
LREB) ENGLISH 00/00/75 PGS 1-9 EPA ID# 033070
•GENERAL AIR WATER SOLID WASTE RADIATION

GREAT BRITAIN — ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. UNITED KINGDOM VOLUME. 1975 SUPPLEMENT.

LP(E) — ENGLISH — 00/00/75 — PGS 1-107 — EPA ID# 033258
ALSO PWR
*GENERAL AIR WATER SOLID WASTE RADIATION TOXIC SUBS

GREAT BRITAIN — "ENVIRONMENTAL PROGRAMMES IN THE U.K. WITH SPECIAL REFERENCE TO... THE HYDROLOGICAL CYCLE." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE. v. 1
BEDDOE, J. G.

PW(E) — ENGLISH — 00/00/70 — PGS 41-71 — EPA ID# 038044
ALSO LAB. PWR AND SE
*WATER AIR LAND USE SOLID WASTE RADIATION

IRELAND — ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. EIRE. 1975 SUPPLEMENT

LP(E) — ENGLISH — 00/00/75 — PGS 1-9 — EPA ID# 033260
ALSO PWR
*GENERAL WATER PESTICIDES

LUXEMBURG — LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. LUXEMBOURG. 1975 SUPPLEMENT
J. P. DIDIER & ASSOCIATES

LP(E) — ENGLISH — 00/00/75 — PGS 1-63 — EPA ID# 033290
ALSO PWR
*GENERAL AIR WATER RADIATION TOXIC SUBS

NETHERLANDS — LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. NETHERLANDS. 1975 SUPPLEMENT
LANGELAAR, H.

LP(E) — ENGLISH — 00/00/75 — PGS 1-132 — EPA ID# 033298
ALSO PWR
*GENERAL AIR WATER SOLID WASTE

NORWAY "NOISE REGULATIONS IN OSLO WILL BECOME NATIONAL STANDARDS." AFTENPOSTEN
EPA
LP691 NORWEGIAN 05/19/76 PGS 1, 10 ID# 038034

THE BUREAU OF HEALTH HAS RELEASED A DRAFT FOR NATIONAL NOISE STANDARDS BASED ON THE REGULATIONS ALREADY IN EFFECT SINCE THE FALL OF 1975 IN THE CITY OF OSLO. IT IS RECOMMENDED THAT THE STANDARDS BECOME EFFECTIVE AS OF JUNE 1, 1977. ACCORDING TO THIS ARTICLE, ONLY NOISE ORIGINATING FROM CHURCH BELLS AND WARNING SYSTEMS WILL BE EXEMPT FROM THE RULES. IT IS POINTED OUT, HOWEVER, THAT INDUSTRIAL NOISE IS ALREADY COVERED BY THE SMOKE CONTROL COUNCIL'S REGULATIONS CONCERNING AIR POLLUTION.

NORWAY "PLAN FOR REDUCTION OF NOISE IN OSLO READY AT NEW YEAR." AFTENPOSTEN
EPA
P6E83 NORWEGIAN 05/13/76 PGS 12 ID# 039134

A FINAL REPORT CONTAINING SUGGESTIONS ON HOW TO CONTROL TRAFFIC NOISE IN OSLO IS EXPECTED TO BE PUBLISHED AT THE TURN OF THE YEAR. ITS PURPOSE IS TO PRESENT POSSIBILITIES AND COSTS INVOLVED IN REDUCING THE NOISE LEVEL FOR ABOUT 40,000 OF THE CITY'S RESIDENTS. INSULATION OF WINDOWS, REORGANIZATION OF TRAFFIC PATTERNS, AND INSTALLATION OF NOISE-DEFLECTING WALLS AND SCREENS WILL BE SUGGESTED MEANS. ACCORDING TO A SPOKESMAN FOR THE COMMITTEE WHICH HAS STUDIED THIS PROBLEM, IT IS POINTED OUT THAT APPROXIMATELY 6,700 PEOPLE LIVE IN 2,900 APARTMENTS WHERE THE NOISE LEVEL EXCEEDS 75 DECIBELS (A). 15,000 PEOPLE LIVE IN AREAS WITH A NOISE LEVEL BETWEEN 70-75 DECIBELS (A), AND 23,000 TO 26,000 LIVE IN AREAS WHERE THE NOISE LEVEL IS 65-70 DECIBELS (A). COST ESTIMATES FOR THE SUGGESTED MEASURES WERE NOT RELEASED, BUT IT IS HOPED THAT THEY WILL BE FINANCED THROUGH FUNDS ALLOCATED FROM THE GOVERNMENT AND THE CITY OF OSLO.

SCANDINAVIA "ENVIRONMENTAL PROTECTION AGREEMENT TO BE VALIDATED SHORTLY." MUFVUDSTADSBLADET
EPA
L0689 SWEDISH 05/19/76 PGS 15 ID# 038068
FEDERAL AID WATER SOLID WASTE

SWITZERLAND "PRESENTATION OF 'ENVIRONMENT 72' AWARD." JOURNAL DE GENEVE
EPA
P6E89 FRENCH 05/10/76 PGS 11 ID# 038056

THE SWISS ANTI-NOISE LEAGUE, THE DIRECTOR OF THE ACOUSTICAL SECTION OF THE FEDERAL LABORATORY FOR THE TESTING OF MATERIALS, AND THE CITY OF LAUSANNE WERE ALL THREE CHOSEN AS RECIPIENTS OF THE 'ENVIRONMENT 72' AWARD ON JUNE 9, 1976. CREATED IN 1972 BY THE SWISS BANQUE DE PARIS ET DES PAYS-BAS SA, THE AWARD IS PRESENTED BI-ANNUALLY IN RECOGNITION OF SIGNIFICANT ACHIEVEMENTS IN THE FIELD OF ENVIRONMENTAL PROTECTION. ACHIEVEMENTS IN THE AREA OF NOISE CONTROL WERE MOST SPECIFICALLY HIGHLIGHTED IN THIS YEAR'S PRESENTATION OF THE 100,000 FRANCS AWARD. A BRIEF REVIEW OF THE RECIPIENTS' ACCOMPLISHMENTS IS INCLUDED IN THE ARTICLE.

PESTICIDES

IRELAND — ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. EMIE. 1975 SUPPLEMENT
EPA
LR(B) — ENGLISH — 00/00/75 PGS 1-9 — ID# 033288
ALSO PRA
*GENERAL WATER NOISE

WHO — SAFETY EVALUATION OF CHEMICALS IN FOOD: TOXICOLOGICAL DATA PROFILES FOR PESTICIDES. CARBAMATE AND ORGANOPHOSPHORUS INSECTICIDES USED IN AGRICULTURE AND PUBLIC HEALTH
VETTORAZZI, G., AND P. MILES-VETTORAZZI
EPA
STI 1 — ENGLISH — 03/00/75 PGS 1-61 — ID# 037684
ALSO PMB
TOXIC SUBS

THIS PUBLICATION PRESENTS A SYSTEMATIC CLASSIFICATION OF AVAILABLE SOURCES OF DATA ON PESTICIDE TOXICITY. INTENDED TO BE OF VALUE TO INDIVIDUALS OR GROUPS INVOLVED IN TOXICOLOGICAL EVALUATION OF PESTICIDES. THE WORK CONTAINS A NUMBERED LIST OF OVER 1000 TITLES ("REFERENCES," PP 13-61). THESE NUMBERS ARE CODED TO TABLE 1, WHICH INDEXES THE REFERENCES BY COMPOUND AND SUBJECT. TABLE 2 GIVES FIGURES FOR RECOMMENDED ACCEPTABLE DAILY INTAKES OF THE PESTICIDES CONTAINED IN TABLE 1. A NINE-PAGE INTRODUCTION EXPLAINS: 1) THE BACKGROUND AND WORK OF THE FOOD AND AGRICULTURE ORGANIZATION AND WORLD HEALTH ORGANIZATION GROUPS WORKING WITH PESTICIDE RESIDUES, 2) THE PROCESS BY WHICH TOXICITY IS ASSESSED, AND 3) THE WAY IN WHICH SCIENTIFIC INFORMATION IS USED TO ARRIVE AT DECISIONS. THE PUBLICATION IS NO. 3 IN THE PROGRESS IN STANDARDIZATION SERIES.

RADIATION

DENMARK — LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. DENMARK. 1975 SUPPLEMENT
JENSEN, CLAUS HAGEN
EPA
LR(B) — ENGLISH — 11/00/75 PGS 1-[illegible] — ID# 033278
ALSO PRA
*GENERAL AIR WATER SOLID WASTE TOXIC SUBS

EUROPEAN COMMUNITIES — LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. COMPARATIVE VOLUME. 1975 SUPPLEMENT

EPA
LR(8) ENGLISH 00/10/75 PGS 1-44 ID# 033210
*GENERAL AIR WATER SOLID WASTE NOISE TOXIC SUBS

FRANCE — LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. FRANCE. 1975 SUPPLEMENT

EPA
LR(8. ENGLISH 00/00/75 PGS 1-37 ID# 033390
ALSO PUB
*GENERAL AIR WATER SOLID WASTE NOISE

GERMANY,FED REP OF — LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. GERMANY. 1975 SUPPLEMENT

EPA
LR(8) ENGLISH 00/00/75 PGS 1-9 ID# 033220
*GENERAL AIR WATER SOLID WASTE NOISE

GERMANY,FED REP OF — "RADIATION PROTECTION ORDINANCE INCREASED IN STRINGENCY." SUEDDEUTSCHE ZEITUNG

EPA
LR(9) GERMAN 06/03/76 PGS 7 ID# 037904A

THE FEDERAL CABINET HAS ADOPTED A NEW RADIATION PROTECTION ORDINANCE, WHICH IS NOW TO BE SUBMITTED TO THE FEDERAL COUNCIL (UPPER PARLIAMENTARY HOUSE). THE ORDINANCE, ISSUED PURSUANT TO THE ELECTRICITY LAW, COMBINES PROVISIONS FROM LEGISLATION OF 1960 AND 1965 AND CONTAINS SOME MORE STRINGENT REGULATIONS. IT REDUCED THE MAXIMUM PERMISSIBLE EXPOSURE TO RADIATION OF INDIVIDUALS IN THE AREA OF NUCLEAR FACILITIES BY ABOUT SIX PERCENT. IT LIMITS THE PERMISSIBLE "TOTAL BODY DOSE" OF RADIATION FOR OCCUPATIONALLY EXPOSED PERSONS TO FIVE "REM" PER YEAR. ("REM" INDICATES THE EFFECTS OF RADIATION ON HUMAN BEINGS.) THE ORDINANCE INCREASES THE STRINGENCY OF RULES FOR THE REMOVAL OF RADIOACTIVE WASTES AND FOR THE PROTECTION OF MAINTENANCE AND SERVICE PERSONNEL IN NUCLEAR FACILITIES. IT MAKES MANDATORY THE PREPARATION OF PLANS FOR DEALING WITH DISTURBANCES OF NORMAL OPERATIONS. FINALLY THE ORDINANCE PROVIDES FOR PROTECTION AGAINST DISTURBANCES BY THIRD PERSONS DURING THE HANDLING AND TRANSPORT OF RADIOACTIVE SUBSTANCES.

POLLUTION

GREAT BRITAIN

ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. UNITED KINGDOM VOLUME. 1975 SUPPLEMENT.

EPA

LR(B) ENGLISH 00/00/75 PGS 1-107 ID# 037258
ALSO PAA
*GENERAL AIR WATER SOLID WASTE NOISE TOXIC SUBS

GREAT BRITAIN

CODE OF PRACTICE FOR THE CARRIAGE OF RADIOACTIVE MATERIALS BY ROAD
GREAT BRITAIN, DEPARTMENT OF THE ENVIRONMENT
EPA

LR(A) ENGLISH 00/00/75 PGS 1-44 ID# 038004

THIS CODE OF PRACTICE SETS FORTH THE MINIMUM PRECAUTIONS AND CONTROL MEASURES TO BE APPLIED TO AVOID INJURY TO HEALTH FROM IONIZING RADIATIONS IN THE TRANSPORT OF RADIOACTIVE MATERIALS BY ROAD IN GREAT BRITAIN. GENERALLY CONFORMING TO INTERNATIONAL STANDARDS. THIS CODE CONSIDERS SHIPMENTS OF RADIOACTIVE MATERIAL IN FOUR CLASSES: 1) UNLABELLED EXEMPT PACKAGES WITH SMALL, HARMLESS QUANTITIES OF RADIOACTIVE MATERIAL; 2) ROUTINE WHITE AND YELLOW LABELLED PACKAGES CONTAINING LOW SPECIFIC ACTIVITY MATERIAL FOR WHICH MINIMUM PRECAUTIONS MUST BE TAKEN TO PREVENT THE ESCAPE OF RADIOACTIVE MATERIAL; 3) CERTAIN MATERIALS OF LOW SPECIFIC RADIOACTIVITY AND LOW LEVEL SOLID RADIOACTIVE MATERIALS WHICH MUST BE SHIPPED ALONE AS ONE LOAD; AND 4) SPECIALLY APPROVED SHIPMENTS CONTAINING MORE DANGEROUS MATERIALS REQUIRING APPROVAL BY THE SECRETARY OF STATE FOR THE ENVIRONMENT AND/OR COMPETENT FOREIGN AUTHORITIES. THE DUTIES OF CONSIGNORS, CARRIERS, DRIVERS AND ANYONE ELSE DEALING WITH THE TRANSPORT OF SUCH MATERIALS BY ROAD ARE DELINEATED.

GREAT BRITAIN

"ENVIRONMENTAL PROGRAMMES IN THE UNITED KINGDOM WITH SPECIAL REFERENCE TO... THE HYDROLOGICAL CYCLE." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, Vo. I
OECDCE, J. E.
EPA

PM(B) ENGLISH 00/00/75 PGS 41-91 ID# 038044
ALSO LAB, PAA AND SE
*WATER AIR LAND USE SOLID WASTE NOISE

ITALY

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
ITALY. 1975 SUPPLEMENT
EPA

LR(B) ENGLISH 00/00/75 PGS 1-22 ID# 033240
*GENERAL AIR WATER SOLID WASTE

RADIATION

LUXEMBURG

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. LUXEMBOURG. 1975 SUPPLEMENT
J. M. DIDIER & ASSOCIATES
EPA
LP(E) ENGLISH 00/00/75 PGS 1-63 ID# 033290
ALSO PMA
*GENERAL AIR WATER NOISE TOXIC SUBS

SWITZERLAND

*REDUCTION OF RADIATION PROTECTION THRESHOLDS.* NEUE ZUERCHER ZEITUNG
EPA
LP(E) GERMAN 07/31/76 PGS 24 ID# 037914

SWITZERLAND'S FEDERAL COUNCIL HAS ADOPTED A NEW RADIATION PROTECTION ORDINANCE TO BECOME EFFECTIVE AUGUST 1, 1976, WHICH CONFORMS TO THE RECOMMENDATIONS OF THE INTERNATIONAL COMMISSION FOR RADIATION PROTECTION. IT REPLACES AN ORDINANCE FROM 1963. THE NEW ORDINANCE CONTAINS THE FOLLOWING NEW PROVISIONS: 1) EXPOSURE THRESHOLDS ARE SET FOR PERSONS NOT OCCUPATIONALLY INVOLVED WITH RADIOACTIVE MATERIALS. 2) PERSONS UNDER 16 YEARS OLD MAY NOT BE EMPLOYED IN FACILITIES IN WHICH THEY COULD BE EXPOSED TO RADIATION. 3) THE EXPOSURE LEVEL OF OCCUPATIONALLY EXPOSED PERSONS IS TO BE REPORTED YEARLY TO THE FEDERAL HEALTH OFFICE. 4) THE FEDERAL INTERIOR DEPARTMENT IS TO ISSUE UNIFORM REGULATIONS FOR X-RAYING. 5) THE MAXIMUM LEVELS OF DISCHARGE FOR GASEOUS AND LIQUID RADIOACTIVE SUBSTANCES FROM FACILITIES HAVE BEEN SET 10 TIMES LOWER THAN THE PREVIOUS LEVEL, AND 6) RADIOACTIVE SUBSTANCES HAVE BEEN DIVIDED INTO NINE INSTEAD OF THE PREVIOUS FOUR POISONOUS CLASSES.

SOLID WASTE

BELGIUM

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. BELGIUM. 1975 SUPPLEMENT
J. M. DIDIER & ASSOCIATES
EPA
LP(E) ENGLISH 00/00/75 PGS 1-11 ID# 033230
ALSO PMA
*GENERAL AIR WATER NOISE

SOLID WASTE

BRAZIL

PRIMER ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE. VOL. II
(FIRST NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT. VOL. II)
BRAZIL. SPECIAL SECRETARIAT FOR THE ENVIRONMENT
EPA

PR(0)1 PORTUGUESE 00/00/75 PGS 199-399 ID# 030110
ALSO LAB, PRA AND SE
*GENERAL WATER AIR LAND USE

DENMARK

LA(0)1 LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
DENMARK. 1975 SUPPLEMENT
JENSEN, CLAUS HAGEN
EPA
ENGLISH 11/00/75 PGS 1-46 ID# 033270
ALSO PRA
*GENERAL AIR WATER RADIATION TOXIC SUBS

EUROPEAN COMMUNITIES

LA(0)1 LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
COMPARATIVE VOLUME. 1975 SUPPLEMENT
EPA
ENGLISH 00/00/75 PGS 1-44 ID# 033210
*GENERAL AIR WATER NOISE RADIATION TOXIC SUBS

FRANCE

LA(0)1 LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
FRANCE. 1975 SUPPLEMENT
EPA
ENGLISH 00/00/75 PGS 1-37 ID# 033300
ALSO PRA
*GENERAL AIR WATER NOISE RADIATION

GERMANY,FED REP OF

LA(0)1 LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
GERMANY. 1975 SUPPLEMENT
EPA
ENGLISH 00/00/75 PGS 1-0 ID# 033220
*GENERAL AIR WATER NOISE RADIATION

SOLID WASTE

GREAT BRITAIN ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. UNITED KINGDOM VOLUME. 1975 SUPPLEMENT.

EPA

LREB ENGLISH 00/00/75 PGS 1-107 ID# 033258

ALSO PMR

*GENERAL AIR WATER NOISE RADIATION TOXIC SUBS

GREAT BRITAIN THE LICENSING OF WASTE DISPOSAL SITES. WASTE MANAGEMENT PAPER NO. 4

GREAT BRITAIN, DEPARTMENT OF THE ENVIRONMENT EPA

LREB ENGLISH 00/00/76 PGS 1-50 ID# 03829A

THIS PUBLICATION, PREPARED AS WASTE MANAGEMENT PAPER NO. 4 BY THE WORKING GROUP ON WASTE DISPOSAL LEGISLATION OF THE BRITISH DEPARTMENT OF THE ENVIRONMENT, OFFERS ADVICE AND GUIDELINES TO LOCAL AUTHORITIES ON THEIR DUTIES REGARDING THE LICENSING OF WASTE DISPOSAL SITES IN ACCORDANCE WITH THE CONTROL OF POLLUTION ACT 1974. ALTHOUGH GENERAL OBJECTIVES AND STRATEGIES OF THE LICENSING SYSTEM ARE DISCUSSED, IT IS CONCLUDED THAT LOCAL AUTHORITIES MUST DECIDE ON THE ISSUE OF A LICENSE BASED ON THE TOTAL CIRCUMSTANCES OF THE PARTICULAR SITE IN QUESTION. SPECIFIC CHAPTERS OF THE PUBLICATION ARE ENTITLED: 1) THE PURPOSE OF THE LICENSING SYSTEM; 2) STRATEGIC OBJECTIVES OF A WASTE DISPOSAL AUTHORITY; 3) THE CONSIDERATION OF SITE LICENSE APPLICATIONS; 4) MODEL CONDITIONS FOR SITES IN GENERAL; 5) HAZARDOUS WASTES--ADDITIONAL CONSIDERATIONS. SUPPORTING INFORMATION IS GIVEN IN APPENDIXES ON HYDROGEOLOGICAL GUIDELINES FOR THE SELECTION OF LANDFILL SITES, RECORD KEEPING, AND CLASSIFICATION OF WASTES FOR RECORD-KEEPING PURPOSES.

GREAT BRITAIN RECLAMATION, TREATMENT AND DISPOSAL OF WASTES. AN EVALUATION OF AVAILABLE OPTIONS

GREAT BRITAIN, DEPARTMENT OF THE ENVIRONMENT EPA

PMIS ENGLISH 00/00/76 PGS 1-42 ID# 03787A

ALSO SE AND LRB

THIS PAPER, PREPARED AS WASTE MANAGEMENT PAPER NO. 1 BY THE BRITISH DEPARTMENT OF THE ENVIRONMENT'S WASTES AND ECONOMICS DIVISIONS ON THE BASIS OF INFORMATION DRAWN FROM A WIDE VARIETY OF SOURCES, OFFERS INFORMATION AND PROVIDES AN ASSESSMENT OF VARIOUS OPTIONS THAT ARE AVAILABLE OR ARE IN PROSPECT FOR THE RECLAMATION, TREATMENT AND DISPOSAL OF WASTES. THE PAPER SEEKS TO SUMMARIZE AND DRAW TOGETHER THESE OPTIONS, TO PLACE THEM IN PERSPECTIVE AND TO OUTLINE HOW THEY MIGHT BE EVALUATED ECONOMICALLY. SPECIFIC CHAPTERS DISCUSS RECYCLING, RE-USE AND RECLAMATION; DISPOSAL ON LAND AND LAND RECLAMATION; THERMAL TREATMENT AND ENERGY RECOVERY; SEA DISPOSAL; TREATMENT AND DISPOSAL OF HAZARDOUS WASTE; DISPOSAL OF AWKWARD HOUSEHOLD WASTE; RESEARCH PROJECTS; ECONOMIC EVALUATION OF WASTE DISPOSAL PLANS; EVALUATION OF WASTE DISPOSAL STRATEGIES; AND USE OF A TRANSPORTATION MODEL IN THE ALLOCATION OF WASTE.

SOLID WASTE

GREAT BRITAIN

"ENVIRONMENTAL PROGRAMMES IN THE UNITED KINGDOM WITH SPECIAL REFERENCE TO... THE HYDROLOGICAL CYCLE." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE. v. 1
BEDDOE, J. E.
EPA
EW(B) ENGLISH 06/00/75 PGS 41-51 ID# 036044
ALSO LAB. PWA AND SE
•WATER AIR LAND USE NOISE RADIATION

GREAT BRITAIN

PROGRAMME OF RESEARCH ON THE BEHAVIOUR OF HAZARDOUS WASTES IN LANDFILL SITES: INTERIM REPORT ON PROGRESS
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT
EPA
EW(B) ENGLISH 08/00/75 PGS 1-100 ID# 036314
TOXIC WASTE

THIS INTERIM REPORT, ISSUED AS A TECHNICAL NOTE BY THE BRITISH DEPARTMENT OF THE ENVIRONMENT, DESCRIBES THE STATUS OF THE DEPARTMENT'S PROGRAMME OF RESEARCH ON THE BEHAVIOUR OF HAZARDOUS WASTES IN LANDFILL SITES AS OF SEPTEMBER 1975. THE INTRODUCTION TO THE REPORT DISCUSSES: 1) BACKGROUND MATERIAL, CITING A LACK OF KNOWLEDGE ON THIS TOPIC WHICH MADE SUCH A PROGRAM A NECESSITY; 2) OBJECTIVES OF THE PROGRAM, WHICH ARE TO DETERMINE WHAT TYPES OF LANDFILL SITES ARE SAFE, WHAT REMEDIAL MEASURES ARE NEEDED FOR EXISTING SITES, AND TO ESTABLISH CRITERIA, GUIDELINES AND EXPERTISE FOR LOCAL AUTHORITIES IN THIS AREA; 3) ORGANIZATIONS AND STAFFING INVOLVED IN THE PROGRAM; AND 4) THE RESEARCH STRATEGIES USED IN THE PROGRAM. THE RESEARCH STRATEGIES ARE FULLY DESCRIBED IN THE BODY OF THE REPORT AND INCLUDE: LANDFILL SITE INVESTIGATIONS, LABORATORY INVESTIGATIONS, STUDIES OF MOVEMENT THROUGH UNSATURATED ZONES, MATHEMATICAL MODELING STUDIES, AND THE CREATION OF INFORMATION SYSTEMS ON THE SUBJECT.

ITALY

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. ITALY. 1975 SUPPLEMENT
EPA
LD(B) ENGLISH 08/00/75 PGS 1-22 ID# 033248
•GENERAL AIR WATER RADIATION

MEXICO "ADMINISTRATION OF ENVIRONMENTAL PROTECTION AND IMPROVEMENT PROGRAMS IN MEXICO." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE. VOL. 1
MUNGUIA BARCENA, JORGE
EPA
PM(B) SPANISH 00/00/75 PGS 31-39 ID# 03921A
ALSO PMA
*MAIN WATER

NETHERLANDS LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. NETHERLANDS. 1975 SUPPLEMENT
LANGELAAR, K.
EPA
LR(B) ENGLISH 00/00/75 PGS 1-132 ID# 03320B
ALSO PMA
*GENERAL AIR WATER NOISE

SCANDINAVIA "ENVIRONMENTAL PROTECTION AGREEMENT TO BE VALIDATED SHORTLY." HUFVUDSTADSBLADET
EPA
LR(B) SWEDISH 00/10/7. PGS 15 ID# 03804A
*GENERAL AIR WATER NOISE

SCANDINAVIA SOLID WASTE - CATALOG OF PROJECTS AND REPORTS IN THE NORDIC COUNTRIES. NORDFORSK - SECRETARIAT OF ENVIRONMENTAL SCIENCES 1975:2
EPA
PM(B) NORWEGIAN 01/00/75 PGS 1-91 ID# 03786A

IN ORDER TO ENABLE A WORKING GROUP, ESTABLISHED TO STUDY SOLID WASTE AS PART OF NORDFORSK'S (SCANDINAVIAN COUNCIL FOR APPLIED RESEARCH) AREA STUDIES IN ENVIRONMENTAL PROTECTION TECHNIQUES, TO RECOMMEND JOINT FUTURE SCANDINAVIAN PROGRAMS, ITS MEMBERS HAVE MAPPED OUT THE AREAS WHICH HAVE ALREADY BEEN RESEARCHED IN THE FIELD OF SOLID WASTE IN THE NORDIC COUNTRIES. THIS PAMPHLET LISTS CURRENT AND PREVIOUS DANISH, SWEDISH, NORWEGIAN, AND FINNISH PROJECTS AND REPORTS DEALING WITH OPERATION, ADMINISTRATION, AND ANALYSIS OF SOLID WASTE. A BIBLIOGRAPHY AND A LIST OF ADDRESSES OF RELATED BUSINESSES, ORGANIZATIONS, AND INSTITUTES IN THE FOUR COUNTRIES ARE ALSO INCLUDED.

TOXIC SUBS

CANADA

BACKGROUND TO THE PCB PROBLEM AND HIGHLIGHTS OF THE REPORT OF THE TASK FORCE ON PCBS
CANADA. ENVIRONMENT CANADA
EPA

PMEBI ENGLISH 06/03/70 PGS 1-9 ID# 027788

THE PHASING OUT OF ALL USES OF HIGHLY PERSISTENT POLYCHLORINATED BIPHENYLS (PCBS) IN CANADA IS RECOMMENDED IN A TASK FORCE REPORT ON PCBS RELEASED BY ENVIRONMENT CANADA AND THE DEPARTMENT OF HEALTH AND WELFARE. CURRENTLY PCBS ARE USED PRIMARILY IN THE MANUFACTURE OF ELECTRICAL CAPACITORS AND TRANSFORMERS. THE TASK FORCE RECOMMENDS THAT INITIAL REGULATIONS SHOULD RESTRICT USE OF PCBS IN NEW GOODS TO DIELECTRIC INSULATING OILS AND THAT RESEARCH SHOULD BE INSTITUTED TO DISCOVER LESS HAZARDOUS SUBSTANCES TO USE AS SUBSTITUTES. THIS ACTION WOULD INVOLVE CONSULTATION WITH INDUSTRY AND THE PROVINCES BEFORE SPECIFIC REGULATIONS COULD BE BROUGHT IN. MINISTERS OF THE TWO DEPARTMENTS CONCERNED ARE NOW STUDYING THE TASK FORCE REPORT AND ARE EXPECTED TO ANNOUNCE A DECISION ON THE RECOMMENDATIONS SHORTLY. ANY REGULATORY MEASURES WOULD BE INTRODUCED UNDER THE RECENTLY PROCLAIMED ENVIRONMENTAL CONTAMINANTS ACT.

DENMARK

"JANUARY 15, 1970 ORDER NO. 19 ON THE RESTRICTIONS OF IMPORT AND USE OF PCB AND PCT." LOVTIDENDE FOR KONGERIGET DANMARK, PART A
EPA

LPEBI DANISH 03/09/70 PGS 43-44 ID# 017429

- THIS REGULATION CONCERNS PCB WITH MORE THAN TWO CHLORINE ATOMS. PREPARATIONS CONTAINING MORE PCB THAN 0.1 PERCENTAGE OF WEIGHT, PCT, AND PREPARATIONS CONTAINING MORE PCT THAN 0.1 PERCENTAGE OF WEIGHT. EXCEPTIONS TO THE REGULATION INCLUDING PCB AND PCT MANUFACTURED ABROAD AND IN TRANSIT THROUGH THE COUNTRY ARE LISTED. THERE ARE NO RESTRICTIONS ON THE USE OF PCB AND PCT FOR THE PURPOSE OF RESEARCH OR FOR DEVELOPMENTAL AND ANALYTICAL OBJECTIVES. IN ALREADY EXISTING HEATING INSTALLATIONS WITH SEALED CIRCULATIONS AND WHICH CONCERN THEMSELVES WITH FOOD, FEEDSTUFFS, DRUGS OR VETERINARY PRODUCTS, HEAT EXCHANGE LIQUIDS CONTAINING PCB AND PCT MAY BE USED UNTIL JANUARY 1, 1980. WHEN THE SUBSTANCES ARE TRANSPORTED OR STORED, THEY MUST BE LABELLED TO INDICATE THAT ONE OR BOTH IS PRESENT. WHOEVER MANUFACTURES OR IMPORTS PCB AND PCT MUST NOTIFY THE ENVIRONMENTAL PROTECTION AGENCY OR SOMEONE AUTHORIZED BY THE AGENCY IN WRITING OF THIS ACTIVITY. VIOLATIONS ARE PUNISHABLE BY FINES OR IMPRISONMENT.

DENMARK

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
DENMARK. 1975 SUPPLEMENT
JENSEN, CLAUS HAGEN
EPA

LPEBI ENGLISH 11/00/75 PGS 1-40 ID# 033279
ALSO PMA
#GENERAL AIR WATER SOLID WASTE RADIATION

TOXIC SUBS

EUROPEAN COMMUNITIES — LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. COMPARATIVE VOLUME. 1975 SUPPLEMENT

LR(B) — ENGLISH — 00/00/75 PGS 1-44 — EPA ID# 033218
*GENERAL AIR WATER SOLID WASTE NOISE RADIATION

GREAT BRITAIN — ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. UNITED KINGDOM VOLUME. 1975 SUPPLEMENT.

LP(B) — ENGLISH — 00/00/75 PGS 1-107 — EPA ID# 033258
ALSO PHA
*GENERAL AIR W. R SOLID WASTE NOISE RADIATION

GREAT BRITAIN — PROGRAMME OF RESEARCH ON THE BEHAVIOUR OF HAZARDOUS WASTES IN LANDFILL SITES: INTERIM REPORT ON PROGRESS
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT

PME(B) — ENGLISH — 00/00/75 PGS 1-100 — EPA ID# 03031A
*SOLID WASTE

JAPAN — STUDIES ON THE HEALTH EFFECTS OF ALKYLMERCURY IN JAPAN
JAPAN. ENVIRONMENT AGENCY

STE 1 — ENGLISH — 00/00/75 PGS 1-215 — EPA ID# 03030A
ALSO PHB

IN RESPONSE TO GLOBAL INTEREST IN THE "MINIMATA OR "ITAI-ITAI" DISEASE FOLLOWING THE MINAMATA AND NIIGATA MERCURY-POISONING OCCURRENCES IN JAPAN, THIS PUBLICATION PROVIDES ENGLISH-LANGUAGE VERSIONS OF SOME OF THE SIGNIFICANT MEDICAL AND SCIENTIFIC RESEARCH STUDIES CONDUCTED BY THE JAPAN ENVIRONMENT AGENCY AND THE JAPAN HEALTH ASSOCIATION TO DEAL WITH THE PROBLEM. THE 21 PAPERS IN THIS MONOGRAPH, EACH ILLUSTRATED AND ACCOMPANIED BY AN ABSTRACT AND A LIST OF REFERENCES, GIVE DATA ON THE OCCURRENCE OF ALKYLMERCURY IN THE ENVIRONMENT AND ITS ADVERSE EFFECTS ON HUMAN HEALTH FROM THE EPIDEMIOLOGICAL, BIOCHEMICAL, PHARMACEUTICAL, PATHOLOGICAL, ANATOMICAL, NEUROLOGICAL, PSYCHIATRIC, AND PEDIATRIC VIEWPOINTS.

LUXEMBURG

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. LUXEMBOURG. 1975 SUPPLEMENT
J. M. DIDIER & ASSOCIATES
LP680 ENGLISH 00/00/75 PGS 1-63 EPA ID# 033290
ALSO PMR
*GENERAL AIR WATER NOISE RADIATION

SWEDEN

*PILOT STUDY CONCERNING THE EXTRACTION AND DEWATERING OF MERCURY CONTAMINATED FIBER SEDIMENT FROM THE BAY OF ORSEVUM, VASTERVIK.* IVL - SWEDISH WATER AND AIR POLL. RES. LAB. BERGSTROM, R., AND OTHERS
ST6 ) SWEDISH 00/00/75 PGS 1-27 EPA ID# 030164
ALSO PMR AND SE
WATER

THIS BOOKLET DESCRIBES A PILOT STUDY ESTABLISHED TO FIND A SUITABLE METHOD OF EXTRACTING AND DEWATERING MERCURY-CONTAMINATED RAYON FIBER SEDIMENTS FROM THE BAY OF ORSERUM, VASTERVIK. PUMPING WAS FOUND TO BE AN APPROPRIATE METHOD IF THE DRY CONTENT WAS BETWEEN 3-5 PERCENT AND PROVIDED THAT THE PUMP WAS EQUIPPED WITH A FEEDING APPARATUS. MERCURY WAS FOUND TO BE DISTRIBUTED IN THE DEWATERED SLUDGE WITH ONLY A SMALL PART RETURNING TO THE RECIPIENT VIA THE PROCESSED WATER. ALTHOUGH THE CONCENTRATION OF MERCURY IN THE AIR INCREASED, IT DID SO INSIGNIFICANTLY. ECONOMIC AND PRACTICAL ASPECTS OF EXTRACTING AND DEWATERING RAYON SEDIMENT ARE ALSO DISCUSSED.

SWITZERLAND

SWISS LAW ON THE COMMERCE WITH POISONS
LP681 ENGLISH 00/00/00 PGS 1-54 EPA ID# 013210

THIS PUBLICATION CONTAINS COMPLETE TEXTS IN ENGLISH OF THE MARCH 21, 1969 FEDERAL LAW ON TRADING IN TOXICANTS, AS WELL AS THE DEC. 23, 1971 IMPLEMENTING ORDINANCE. THE DEC.23, 1971 ORDINANCE ON THE PROHIBITION OF TOXIC SUBSTANCES, AND THE MAY 10, 1972 SUPPLEMENT TO THE LATTER ORDINANCE. THE 1969 LAW PROVIDES THAT A TOXIC SUBSTANCE MAY BE MARKETED ONLY IF IT IS INCLUDED IN A LIST OF TOXICANTS TO BE MAINTAINED BY THE FEDERAL PUBLIC HEALTH SERVICE. PERSONS DESIRING TO MARKET TOXICANTS MUST DECLARE THIS TO THE PUBLIC HEALTH SERVICE AND PROVIDE NECESSARY DOCUMENTATION. THOSE WISHING TO PURCHASE TOXIC SUBSTANCES MUST OBTAIN AN APPROPRIATE AUTHORIZATION. THE IMPLEMENTING ORDINANCE DEFINES THE SCOPE AND TERMINOLOGY OF THE LAW, DESCRIBES THE FORM AND CONTENT OF THE TOXICANT LIST, AND DELINEATES THE CONDITIONS OF TRADE. THE ORDINANCE ON PROHIBITION OF TOXIC SUBSTANCES AND ITS SUPPLEMENT LIST SPECIFICALLY PROHIBITED SUBSTANCES. (FOR GERMAN TEXTS OF THE LAW AND ORDINANCES SEE ID NOS. 013214, 013218, AND 013210.)

TOXIC SUBS

WHO

SAFETY EVALUATION OF CHEMICALS IN FOOD: TOXICOLOGICAL DATA PROFILES FOR PESTICIDES. CARBAMATE AND ORGANOPHOSPHORUS INSECTICIDES USED IN AGRICULTURE AND PUBLIC HEALTH
VETTORAZZI, G., AND P. MILES-VETTORAZZI
EPA
STE )
ENGLISH 00/00/75 PGS 1-61 ID# 037668
ALSO PHB
*PESTICIDES

WATER

BELGIUM

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
BELGIUM. 1975 SUPPLEMENT
J. M. DIDIER & ASSOCIATES
EPA
LREG)
ENGLISH 00/00/75 PGS 1-91 ID# 033236
ALSO PHB
*GENERAL AIR SOLID WASTE NOISE

BRAZIL

PRIMER ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE. VOL. II
(FIRST NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT. VOL. II)
BRAZIL. SPECIAL SECRETARIAT FOR THE ENVIRONMENT
EPA
PHEB)
PORTUGUESE 00/00/75 PGS 150-300 ID# 038110
ALSO LRG, PHB AND SE
*GENERAL AIR SOLID WASTE LAND USE

DENMARK

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES.
DENMARK. 1975 SUPPLEMENT
JENSEN, CLAUS HAGEN
EPA
LREG)
ENGLISH 11/00/75 PGS 1-40 ID# 033270
ALSO PHB
*GENERAL AIR SOLID WASTE RADIATION TOXIC SUBS

DENMARK "ENVIRONMENTAL PROTECTION AGENCY WANTS TO TEACH CONSUMERS HOW TO SAVE WATER." BERLINGSKE TIDENDE

PRED DANISH 05/01/76 PGS 4 III 1 EPA ID# 037908

THE DANISH ENVIRONMENTAL PROTECTION AGENCY IS PREPARING GUIDELINES TO ADVISE INDUSTRIES, WATERWORKS, AND THE INDIVIDUAL CONSUMER ON HOW TO DEAL WITH A WATER SHORTAGE OF 150-200 MILLIMETERS CAUSED BY LESS PRECIPITATION AND AN INCREASE IN EVAPORATION WHICH HAS CAUSED EVEN THE GROUNDWATER LEVEL TO DECLINE. IT IS ESSENTIAL THAT THE CONSUMER, WHO UTILIZES ABOUT 70 PERCENT OF THE COUNTRY'S WATER SUPPLY, BE INSTRUCTED ON HOW TO SAVE AND THAT THE ESTIMATED 50 PERCENT OF WATER WHICH IS, AT TIMES, LOST DUE TO FAULTY WATER PIPES, ETC., BE RETRIEVED. THIS ARTICLE ALSO POINTS OUT THAT OTHER COUNTRIES ARE EXPERIENCING THE SAME SITUATION. IN THE CENTRAL PART OF ENGLAND, FOR INSTANCE, WATERING ONE'S GARDEN OR WASHING ONE'S CAR IS NOW PROHIBITED AND COMMUNITY WATER TAPS HAVE BEEN INSTALLED IN CASE IT BECOMES NECESSARY TO CUT OFF THE INDIVIDUAL WATER SUPPLY. IN THE WEST GERMAN HARBOR OF DUISBURG, SEVERAL BASINS HAVE PRACTICALLY DRIED UP AND THE WATER LEVEL IN THE RHINE HAS REACHED A RECORD LOW.

EUROPEAN COMMUNITIES LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. COMPARATIVE VOLUME. 1975 SUPPLEMENT

LREB ENGLISH 00/00/75 PGS 1-44 EPA ID# 033218
*GENERAL AIR SOLID WASTE NOISE RADIATION TOXIC SUBS

EUROPEAN COMMUNITIES "IMPLEMENTATION OF AN ENVIRONMENTAL HEALTH POLICY IN THE EUROPEAN COMMUNITIES." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE. VOL. I SHEETS. A.

PRED ENGLISH 06/00/75 PGS 19-30 EPA ID# 038204
ALSO IN
*GENERAL AIR NOISE

FINLAND "EMISSIONS INTO THE SEA THROUGH SMOKE MUST BE REDUCED." HUFVUDSTADSBLADET

LREB SWEDISH 05/19/76 PGS 1, 6 EPA ID# 038234
AIR

THE SUPREME ADMINISTRATION COURT HAS IN PART OVERRULED THE WATER COURT OF WESTERN FINLAND CONCERNING AN APPLICATION FROM THE KEMIRA FACTORY AT NYSTAD TO BE PERMITTED TO EJECT WASTEWATER INTO THE SEA. IN SPITE OF THE FACT THAT THE FACTORY HAS INSTALLED A CLOSED CIRCUIT SYSTEM WHICH SHARPLY REDUCES THE CONTENTS OF PHOSPHORUS AND OTHER HARMFUL SUBSTANCES, THE HIGHER COURT OBJECTED TO THE FACT THAT THE AMOUNT OF PHOSPHORUS EMITTED THROUGH THE FACTORY'S CHIMNEY WAS 4-5 TIMES LARGER. THE REQUEST WAS GRANTED BUT ONLY UNDER THE PROVISION THAT THE FACTORY SUBMIT A REPORT BEFORE THE END OF NEXT YEAR STATING HOW LARGE AN AMOUNT OF HARMFUL SUBSTANCES ARE EMITTED INTO THE SEA THROUGH THE AIR AND IN WHICH WAY THIS MAY BE REDUCED. THIS IS THE FIRST TIME IT HAS BEEN SUGGESTED THAT A WATER COURT ALSO HAS A RIGHT AND AN OBLIGATION TO DEAL WITH WATER POLLUTION EMITTED THROUGH THE AIR. THE KEMIRA CASE HAS THUS SET A PRECEDENT.

FINLAND "BJORNEBORG'S GROUNDWATER AGGRAVATED BY GRAVEL PIT." HUFVUDSTADSBLADET
EPA
PHEO) SWEDISH 05/05/76 PGS ? ID# 037984

THE EXCAVATION OF GRAVEL BELOW THE GROUNDWATER LEVEL HAS CAUSED PERMANENT DAMAGE TO WATER QUALITY AND HAS JEOPARDIZED A PLANNED ARTIFICIAL GROUNDWATER INSTALLATION OUTSIDE OF BJORNEBORG. THE WATER COURT OF WESTERN FINLAND TURNED DOWN ATTEMPTS TO STOP THE ACTIVITY TWO YEARS AGO BUT HAS NOW BEEN OVERRULED BY A HIGHER COURT AFTER THE BOARD OF WATERS TESTIFIED THAT WATER EXPOSED TO DAYLIGHT DEVELOPS ALGAE WHICH DECAY AND EVENTUALLY AFFECT THE SMELL AND TASTE OF THE WATER. LAKE CONSERVANCY IS A PREREQUISITE AND REGENERATION OF PURIFICATION CHEMICALS ESSENTIAL FOR THE SUCCESS OF THE ARTIFICIAL GROUNDWATER PROJECT, WHICH IS EXPECTED TO BE FINISHED AT THE BEGINNING OF 1977. WHEN WATER FROM THE ARTIFICIAL SOURCE IS MIXED WITH THE NATURAL GROUNDWATER SUPPLY IN THE CITY'S WATER SYSTEM, THE UNDESIRABLE QUALITIES OF THE GROUNDWATER WILL BE LESS NOTICEABLE. THIS ARTICLE POINTS OUT, HOWEVER, THAT THE SAME PROBLEM COULD ARISE ANYWHERE UNDER SIMILAR CIRCUMSTANCES.

FINLAND "CHANGES IN WATER QUALITY IN FINNISH LAKES AND RIVERS 1962-1973." PUBLICATIONS OF THE WATER RESEARCH INSTITUTE, NO. 12
LAMMINEN, REINO
EPA
STE ) FINNISH 00/00/75 PGS 1-64 ID# 037984
ALSO PUB/SUMMARY IN ENGLISH

LINEAR REGRESSION ANALYSIS WAS APPLIED IN THIS STUDY TO PICK OUT SERIES OF OBSERVATIONS IN WHICH A CORRELATION EXISTS BETWEEN TIME AND ONE OF ELEVEN PARAMETERS AT, AT LEAST, A 95 PERCENT PROBABILITY LEVEL. OBSERVATIONS WERE MADE AT 190 RUNNING-WATER AND 160 DEEP-WATER STATIONS DURING DIFFERENT MONTHS AND TIME PERIODS. THE FOLLOWING OBSERVATIONS WERE MADE: THE RUNNING-WATER DATA SHOWED THAT THE MAIN FEATURE OF CHANGE IS AN INCREASE OF SALTS; THE NUMBER OF TRENDS DISCOVERED SEEMED TO INCREASE CONTINUOUSLY WITH THE NUMBER OF OBSERVATIONS; CHANGES WERE OBSERVED MOST FREQUENTLY IN THE AUTUMN AND LEAST FREQUENTLY IN THE SPRING; CHANGES IN WATER QUALITY WERE ONLY SLIGHTLY MORE FREQUENT IN THE DEEP WATERS THAN AT RUNNING-WATER LOCALITIES; AND CHANGES WERE MORE COMMON IN THE GREAT LAKE SYSTEMS THAN IN THE WATERS NEAR THE COAST AND IN THE NORTHERN PART OF THE COUNTRY. CHANGES IN SOME SPECIFIC RIVER SYSTEMS AND LAKES ARE ALSO DISCUSSED.

FRANCE LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. FRANCE. 1975 SUPPLEMENT
EPA
LPEB) ENGLISH 00/00/75 PGS 1-37 ID# 033309
ALSO PMR
*GENERAL AIR SOLID WASTE NOISE RADIATION

FRANCE

"NINETEEN MILLION FRANCS IN AID AND PROTECTION OF LAKES GIVEN PRIORITY."
ALSACES ET ENVIRONNEMENT, NO. 51

*FR A FRENCH 06/00/76 PGS 17 EPA ID# 037724

DURING ITS LAST MEETING IN METZ-RUZERIEULLES, THE ADMINISTRATIVE COUNCIL OF THE RHINE-MEUSE BASIN AGENCY REACHED A NUMBER OF SIGNIFICANT DECISIONS WITH REGARD TO THE CONTROL OF WATER POLLUTION. THESE CONCERNED THE FOLLOWING APPROPRIATIONS: 1) TO THE LOCAL GOVERNMENTS - 9,150,000 FRANCS IN SUBSIDIES, WITH AN ADDITIONAL 80,000 FRANCS IN ADVANCE FUNDS; 2) TO INDUSTRY - 2,760,000 FRANCS IN SUBSIDIES, 3,300,000 IN LOANS AND 9 MILLION IN ADVANCES. WITH THESE APPROPRIATIONS A TOTAL OF 54,900,000 FRANCS WILL HAVE BEEN ALLOTED TO LOCAL AUTHORITIES, OR 89.5 PERCENT OF THE 61,300,000 FRANCS PROVIDED FOR IN THE AGENCY'S SECOND ACTIVITY PROGRAM. INDUSTRY'S TOTAL ALLOTMENTS AMOUNT TO 107,000,000 FRANCS, OR 80 PERCENT OF THE 134,000,000 DESIGNATED FOR THE 1972-76 PROGRAM. THE AGENCY ALSO AGREED TO A GRANT OF 35,000 FRANCS IN AID FOR LAKE POLLUTION RESEARCH IN THE VOSGES DEPARTMENT.

GERMANY,FED REP OF

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. GERMANY, 1975 SUPPLEMENT

LREG ENGLISH 00/00/75 PGS 1-9 EPA ID# 031220
*GENERAL AIR SOLID WASTE NOISE RADIATION

GERMANY,FED REP OF

"ADMINISTRATIVE AGREEMENT REGARDING THE GRANTING OF FEDERAL FUNDS FOR CLEANING UP THE RHINE AND LAKE CONSTANCE." GEMEINSAMES MINISTERIALBLATT, 30
GERMANY,FED REP OF. MINISTRY OF THE INTERIOR
LREA GERMAN 1/11/79 PGS 559-560 EPA ID# 037716
ALSO SE

THIS NOTICE OF THE FEDERAL INTERIOR MINISTRY PUBLISHES AN AGREEMENT BETWEEN THE FEDERAL GOVERNMENT, REPRESENTED BY THE MINISTRY, AND THE FEDERAL STATES BADEN-WUERTTEMBERG, BAVARIA, HESSE, NORTH RHINE-WESTPHALIA, AND RHINELAND-PALATINATE. IN THE FRAMEWORK OF A FIVE-YEAR PLAN, THE FEDERAL GOVERNMENT WILL GRANT TO THE STATES FUNDS FROM EACH YEAR'S BUDGET FOR THE MUNICIPALITIES, MUNICIPAL ORGANIZATIONS, WATER AND SOIL ORGANIZATIONS AND SPECIAL PURPOSE ORGANIZATIONS TO INVEST IN PROJECTS TO CLEAN UP THE RHINE AND LAKE CONSTANCE. THE FUNDS ARE TO BE USED FOR CONSTRUCTION OF SEWAGE PURIFICATION PLANTS OF SUPRAREGIONAL SIGNIFICANCE ON THE RHINE AND LAKE CONSTANCE, AS WELL AS FOR SUPRAREGIONAL SEWERAGE CONNECTIONS FOR THE LAKE CONSTANCE AREA. THE CONDITIONS FOR RECEIVING GRANTS AND THE MAXIMUM SIZE OF GRANTS FOR VARIOUS PURPOSES ARE SPECIFIED.

GERMANY,FED REP OF "STINK CANNOT BE JUSTIFIED." FRANKFURTER ALLGEMEINE ZEITUNG

LOEB) GERMAN 06/02/76 PGS 1A EPA ID# 039164

AN EXPERT OPINION PREPARED BY THE PUBLIC PROSECUTOR'S OFFICE IN THE CITY OF MANNHEIM DECLARES THAT THE PROTECTION OF JOBS AND THE MAINTENANCE OF PRODUCTION LEVEL, EVEN IN AREAS WHERE THE POPULATION DEPENDS ON INDUSTRY, DOES NOT JUSTIFY PHYSICAL SUFFERING IN THE PUBLIC FROM OFFENSIVE ODORS NOR GENERAL POLLUTION OF RIVERS. THE REPORT ALSO FOUND THAT THE DISCHARGE OF SEWAGE CONTAINING ORGANIC SUBSTANCES WHICH CAUSE A VERY OFFENSIVE ODOR AND LEAD TO PHYSICAL COMPLAINTS SUCH AS HEADACHES AND NAUSEA IN LOCAL CITIZENS IS PUNISHABLE UNDER PARAGRAPH 38 OF THE WATER MANAGEMENT LAW, WHICH PRESCRIBES UP TO TWO YEARS IMPRISONMENT FOR THE INTRODUCTION OF HARMFUL SUBSTANCES INTO A BODY OF WATER. THE REPORT FURTHER FOUND THAT CHANGES SHOULD BE MADE IN THE PRACTICE OF ALLOWING WATER POLLUTION OCCURRING UNDER THE CONDITIONS OF VERY OLD PERMITS. THE REPORT WAS PREPARED IN RELATION TO A CASE AGAINST A PAPER COMPANY DISCHARGING MALODOROUS SEWAGE INTO THE RHINE.

GREAT BRITAIN ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. UNITED KINGDOM VOLUME. 1975 SUPPLEMENT.

LWEB) ENGLISH 00/00/75 PGS 1-107 EPA ID# 033294
ALSO PWA
*GENERAL AIR SOLID WASTE NOISE RADIATION TOXIC SUBS

GREAT BRITAIN "ENVIRONMENTAL PROGRAMMES IN THE UNITED KINGDOM WITH SPECIAL REFERENCE TO... THE HYDROLOGICAL CYCLE." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE. V. 1
BEDDOE, J. E.

PWEB) ENGLISH 00/00/75 PGS 41-51 EPA ID# 039944
ALSO LWA, PWA AND SE
AIR LAND USE SOLID WASTE NOISE RADIATION

THIS PAPER, PRESENTED AT THE FIRST NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION AND IMPROVEMENT HELD IN BRASILIA, BRAZIL DURING JUNE 1975, REVIEWS IN BROAD OUTLINE THE PROGRAMS AND ACTIVITIES IN ENGLAND AND WALES CONCERNING LAND USE PLANNING, AIR POLLUTION, DISPOSAL OF SOLID AND RADIOACTIVE WASTES AND, IN SOME DETAIL, THE MANAGEMENT AND CONTROL OF THE HYDROLOGICAL CYCLE. BY WAY OF INTRODUCTION, THE PAPER CITES THE TRADITION OF ENVIRONMENTAL REGULATION IN GREAT BRITAIN AND DESCRIBES THE INSTITUTIONAL FRAMEWORK REGARDING CENTRAL, COUNTY AND LOCAL GOVERNMENT JURISDICTIONS AND RESPONSIBILITIES IN ENVIRONMENTAL MATTERS. THE CURRENT STATUS AND NEW DEVELOPMENTS IN THE ABOVE-MENTIONED ENVIRONMENTAL AREAS ARE CITED. THE FUNCTIONS, CONSTITUTION, FINANCING AND OPERATIONS OF THE REGIONAL WATER AUTHORITIES ARE DISCUSSED, AND THE APPLICATION AND SUITABILITY OF EXISTING WATER QUALITY STANDARDS, ESPECIALLY AS THEY APPLY TO THE CASE OF THE SEVERN-TRENT WATER AUTHORITY, ARE EXPLAINED.

INTERNATIONAL "FEWER PHOSPHATES IN LAKE CONSTANCE - POLLUTION BRAKES." DIE PRESSE
PRESS GERMAN 06/28/76 PGS 4 ID# 037908A EPA

THE PHOSPHATE CONTENT OF LAKE CONSTANCE HAS DECREASED 5 PERCENT FROM THAT OF SPRING 1975, ACCORDING TO THIS ARTICLE. THE LAKE OXYGEN SATURATION LEVEL, EVEN AT ITS GREATEST DEPTHS, IS NOW 90 PERCENT, COMPARED TO 60-70 PERCENT LAST YEAR. THUS IT IS FELT THAT THE CLEAN-UP MEASURES INSTITUTED BY THE THREE SURROUNDING COUNTRIES, AUSTRIA, SWITZERLAND AND THE FEDERAL REPUBLIC OF GERMANY, HAVE SHOWN RESULTS SOONER THAN EXPECTED. SUCH MEASURES INCLUDE THE CONSTRUCTION OF LARGE SEWAGE PURIFICATION PLANTS. HIGH WATERS IN THE PAST YEAR HAVE ALSO HELPED TO WASH SOME OF THE POLLUTANTS FROM THE LAKE. INDUSTRY REMAINS THE MAJOR POLLUTER OF THE LAKE, INTRODUCING HARMFUL SUBSTANCES BOTH THROUGH SEWAGE DISCHARGE AND PRECIPITATION FROM SMOKESTACKS. AGRICULTURAL FERTILIZERS ARE MINOR CONTRIBUTORS TO LAKE POLLUTION.

ENGLAND ENVIRONMENTAL LEGISLATION OF E.E.C. MEMBER STATES. EIRE. 1975 SUPPLEMENT
LREGI ENGLISH 00/00/75 PGS 1-9 ID# 033288 EPA
ALSO PAR
*GENERAL NOISE PESTICIDES

ITALY LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. ITALY. 1975 SUPPLEMENT
LREGI ENGLISH 00/00/75 PGS 1-22 ID# 033249 EPA
*GENERAL AIR SOLID WASTE RADIATION

ITALY "MONTEDISON WAS AUTHORIZED TO DISCHARGE RED SLUDGE I-TO SEA." CORRIERE DELLA SERA
LREGI ITALIAN 06/09/76 PGS 10 ID# 037870A EPA

THIS ARTICLE EXAMINES THE DEFENSE OF THE ITALIAN MONTEDISON EXECUTIVES IN APPEAL OF A COURT DECISION WHICH FOUND THEM GUILTY OF POLLUTING. DEFENSE ATTORNEYS HAVE BASED THE APPEAL ON THE FOLLOWING THREE POINTS: 1) THAT RESIDUE DISCHARGES WERE NOT POLLUTING; 2) THAT DISCHARGES, EVEN IF DAMAGING, WERE AUTHORIZED BY THE HARBOR MASTER'S OFFICE AND 3) THAT THE FIVE DEFENDENTS WERE NOT RESPONSIBLE FOR DECISIONS LEADING UP TO THE INSTALLATION'S ESTABLISHMENT AT THAT LOCATION AND DETERMINING WASTE DISCHARGE POLICIES. IT IS POINTED OUT THAT ARTICLE 19 OF THE 1965 FISHING LAW EXEMPTS AUTHORIZED DISCHARGES FROM ANY RESTRICTIONS AND THAT THE PERMIT AUTHORIZATIONS WERE ISSUED TO THE MONTEDISON PLANT ONLY AFTER THOROUGH TESTING WITH FOUR YEARS ELAPSING BETWEEN THE TIME OF THE APPLICATION AND THE TIME OF ISSUANCE.

ITALY

"CEPIS CONFIRMS: "NO POLLUTING OCCURRED AS A RESULT OF THE SCARLINO PLANT RESIDUES."" CORRIERE DELLA SERA
FELICETTI, FABIO
LR(B) ITALIAN 03/25/76 PGS 9 EPA ID# 037924

THIS ARTICLE, DEALING WITH THE APPEAL PROCEEDINGS OF FIVE ITALIAN INDUSTRIALISTS CONVICTED FOR THE DISCHARGE OF POLLUTANTS IN THE TYRRHENIAN SEA, REVIEWS THE EVENTS AND CHARGES LEADING UP TO THE APPEAL. THE DARGING AT SEA OF TITANIUM DIOXIDE PRODUCTION RESIDUES BY THE SCARLINO PLANT IN 1972 AROUSED THE WRATH OF AREA FISHERMEN AND TOURISM PROMOTERS, WHO INITIATED LEGAL PROCEEDINGS BASED ON CLAIMS OF SEVERE ENVIRONMENTAL DAMAGE. THE ENSUING INVESTIGATIONS CAME TO A CONCLUSION IN APRIL 1974 WITH THE SENTENCING OF FIVE OF THE ACCUSED COMPANY OFFICIALS. APPEAL PROCEEDINGS, BEGUN ON MARCH 24, 1976, ARE BASED ON THE FOLLOWING TWO CONTENTIONS: 1) THAT NOTHING OR NO ONE HAS EVER PROVED THAT DISCHARGED RESIDUES WERE IN FACT POLLUTING, AND 2) THAT EVERY DISCHARGE OPERATION HAD ALWAYS BEEN CONDUCTED WITH THE AUTHORIZATION OF THE HARBOR MASTER'S OFFICE.

JAPAN

"THE CURRENT STATE AND TRENDS OF ENVIRONMENTAL POLLUTION." I ENCONTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE, VOL. I
SHIOTANI, <IVOS>IGE
LR(B) ENGLISH 06/00/75 PGS 129-140 EPA ID# 039224
ALSO PHB AND PHA
#AIR

LUXEMBURG

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. LUXEMBOURG. 1975 SUPPLEMENT
J. M. DEDIER & ASSOCIATES
LR(B) ENGLISH 00/00/75 PGS 1-63 EPA ID# 033208
ALSO PHA
#GENERAL AIR NOISE RADIATION TOXIC SUBS

MEXICO

"THE GENERAL DIRECTORATE FOR WATER USE AND POLLUTION CONTROL - REPORT OF ACTIVITIES." RECURSOS HIDRAULICOS, VOL. 3, NO. 3
MEXICO, SECRETARIAT OF WATER RESOURCES
(FREE) SPANISH 00/00/74 PGS 296-302 EPA ID# 039184
ALSO PHB, LRB AND SE

THIS EXCERPT OF THE REPORT OF ACTIVITIES OF THE MEXICAN SECRETARIAT OF WATER RESOURCES DESCRIBES THE WORK AND PROGRAMS OF THE GENERAL DIRECTORATE FOR WATER USE AND POLLUTION CONTROL DURING THE YEAR 1973-1974. THE GENERAL DIRECTORATE IS ADMINISTRATIVELY DIVIDED INTO: 1) THE DIRECTORATE OF WATER USE, WHOSE REPORTED ACTIVITY INVOLVED CARRYING OUT THE NATIONAL WATER USE INVENTORY, FORMULATION OF WATER USE MODELS AND REALIZATION OF VARIOUS STUDIES AND PROGRAMS ON THE QUALITY, TREATMENT AND REUSE OF WATER; 2) THE DIRECTORATE OF WATER POLLUTION CONTROL, RESPONSIBLE FOR THE APPLICATION OF WATER POLLUTION REGULATIONS, THE REGISTRATION OF EFFLUENT DISCHARGES, AND THE REALIZATION OF PROGRAMS AND MEASURES FOR CONTROLLING POLLUTION ON THE NATIONAL, REGIONAL AND LOCAL LEVELS AND IN COOPERATION WITH THE UN DEVELOPMENT PROGRAM; AND 3) THE DIRECTORATE OF WATERSHED MANAGEMENT, WHOSE ACTIVITIES INVOLVED THE CONTROL OF AQUATIC WEED GROWTH AND EROSION.

MEXICO

"ADMINISTRATION OF ENVIRONMENTAL PROTECTION AND IMPROVEMENT PROGRAMS IN MEXICO." I ENCUENTRO NACIONAL SOBRE A PROTECAO E MELHORIA DO MEIO AMBIENTE. VOL. 1
MUNGUIA BARCENA, JORGE
EPA
PMEXI SPANISH 00/00/75 PGS 31-39 ID# 030218
ALSO PMEX
*AIR SOLID WASTE

NETHERLANDS

LAW AND PRACTICE RELATING TO POLLUTION CONTROL IN THE EEC MEMBER STATES. NETHERLANDS. 1975 SUPPLEMENT
LANGELAAR, K.
EPA
LNETH ENGLISH 00/00/75 PGS 1-132 ID# 032148
ALSO PMEX
*GENERAL AIR SOLID WASTE NOISE

NORWAY

"THE UNION COMPANY IS NOT PERMITTED TO EJECT MORE SULFUR DIOXIDE." AFTENPOSTEN
EPA
LNOR NORWEGIAN 03/17/76 PGS 9 ID# 030204

THE UNION COMPANY IN SKIEN, WHICH SPECIALIZES IN CELLULOSE AND PAPER PRODUCTION, APPLIED TO THE SMOKE CONTROL COUNCIL FOR PERMISSION TO EMIT FIRST 315, THEN 245 KG SULFUR DIOXIDE PER HOUR INTO THE SKIEN RIVER PRIOR TO EXPANDING ITS FACILITIES. THE APPLICATION WAS REJECTED AND THE COMPANY WAS TOLD THAT IT HAS TO REDUCE ITS EMISSIONS FROM THE CURRENT 160 KG PER HOUR TO 140 INSTEAD. THIS CONDITION WAS MORE SEVERE THAN WHAT THE CITY COUNCIL HAD FAVORED. ALTHOUGH THE COMPANY HAS THREE WEEKS IN WHICH TO APPEAL, IT HAS INDICATED THAT IT WILL ACCEPT THE SMOKE CONTROL COUNCIL'S VERDICT.

NORWAY

"TEN NORWEGIAN MUNICIPALITIES WITH JOINT OIL POLLUTION CONTROL." AFTENPOSTEN
EPA
PNOR1 NORWEGIAN 03/04/76 PGS 7 ID# 030274

THIS ARTICLE REPORTS THAT TEN MUNICIPALITIES IN THE SOUTHERN PART OF NORWAY CLOSE TO THE SWEDISH BORDER HAVE MADE THEIR PLANS TO COOPERATE IN MATTERS OF OIL POLLUTION CONTROL APPROVED BY THE COUNCIL ON OIL POLLUTION. THREE DEPOTS WILL BE ESTABLISHED FOR THE PURPOSE OF STORING NECESSARY EQUIPMENT. THE CHIEF OF POLICE IN FREDRIKSSTAD WILL BE CHAIRMAN OF THE CONSOLIDATED OIL POLLUTION CONTROL COMMITTEE ALTHOUGH DAILY RESPONSIBILITY WILL REST WITH THE CITY'S HARBOR CAPTAIN. POTENTIAL SOURCES OF POLLUTION ARE TANKERS, SOME OF WHICH MAY REACH A CAPACITY OF 40,000 TONS, AND CERTAIN INDUSTRIES WHICH STORE OIL AND OTHER CHEMICALS.

SCANDINAVIA "ENVIRONMENTAL PROTECTION AGREEMENT TO BE VALIDATED SHORTLY." HUFVUDSTADSBLADET

LANG1 SWEDISH 05/18/76 PGS 15 EPA ID# 038064
*GENERAL AIR* NOISE SOLID WASTE

SWEDEN "EASIER TO TAKE CARE OF SWEDISH ACCIDENT - COLDER WATER GREAT ADVANTAGE."
SVENSKA DAGBLADET

PAR01 SWEDISH 05/19/76 PGS 0 EPA ID# 038124

IN THIS ARTICLE TWO SIMILAR CASES OF OIL POLLUTION IN THE STOCKHOLM ARCHIPELAGO ARE DESCRIBED. IN THE FIRST CASE, WHICH TOOK PLACE IN 1969, 200 TONS OF OIL WERE EMITTED INTO WATER AND THE CLEAN-UP COST SIX MILLION SWEDISH KRONER. IN THE SECOND CASE IN 1973, 400 TONS OF OIL WERE EMITTED AND THE CLEAN-UP COST HALF A MILLION. THE DECREASE IN CLEAN-UP COSTS IS ACCOUNTED FOR BY A NATIONWIDE OIL PREVENTION PROGRAM WHICH WAS STARTED IN 1970. THE COUNTRY WAS DIVIDED INTO FOUR COASTAL DISTRICTS FOR OIL PRECAUTIONARY PURPOSES AND HAS SINCE THIS TIME SPENT 25 MILLION ON EQUIPMENT TO ENABLE OFFICIALS TO ENCIRCLE POTENTIALLY POLLUTING OIL BY BOOMS AND THEN EVACUATE IT. IF ALL OF THE NATION'S RESOURCES WERE POOLED, 60,000 TONS OF OIL PER DAY COULD BE REMOVED. IT IS, HOWEVER, POINTED OUT THAT THE TIDES AND SWELLS ON THE WEST COAST MAKE OIL REMOVAL MORE DIFFICULT IN THAT AREA.

SWEDEN "THE EFFECTS OF INDUSTRIAL EFFLUENTS ON BRACKISH WATER ECOSYSTEMS."
IVL-SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY
LANDNER, LARS, AND KRISTINA NILSSON

STI 1 SWEDISH 06/00/76 PGS 1-23 EPA ID# 037674

INVESTIGATIONS CONCERNING WATER CHEMISTRY AND BOTTOM FAUNA WERE CARRIED OUT DURING 1969-1970 IN BRAVIKEN, A 20-MILE LONG FJORD ON THE BALTIC COAST. THE TOTAL ANNUAL DISCHARGE OF ORGANIC MATTER TO THE FJORD DURING THIS PERIOD HAS BEEN ESTIMATED AT 19,000 TONS, ORIGINATING MAINLY FROM PULP AND PAPER MILLS AND FROM THE CITY OF NORRKOPING. THE WATER MASS AT BRAVIKEN IS NORMALLY WELL STRATIFIED. A SALINE BOTTOM CURRENT FROM THE DEEP BASINS OF THE BALTIC CARRIES BRACKISH WATER TO THE INNERMOST PARTS OF THE FJORD AT THE SAME TIME AS FRESH SURFACE WATER FLOWS OUT. DOMINATING SPECIES OF THE BOTTOM FAUNA WERE FOUND TO BE PONTOPOREIA AFFINIS AND MACOMA BALTICA, THE ABUNDANCE OF THE TWO SPECIES BEING NEGATIVELY CORRELATED. CONCENTRATIONS OF HEAVY METALS IN THE BOTTOM ORGANISMS WERE IN SOME CASES NEGATIVELY CORRELATED WITH THE DISTANCE FROM THE SOURCE OF POLLUTION (CD IN PONTOPOREIA AND CU IN MACOMA SHELLS), WHEREAS NO CORRELATION WAS FOUND BETWEEN HEAVY METALS CONCENTRATION IN ORGANISMS AND IN THE SEDIMENT SURFACE.

SWEDEN

"THE RELATION OF TREATMENT AND ECOLOGICAL EFFECTS IN BRACKISH WATER REGIONS."
IVL - SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY
ROSENBERG, RUTGER
STC )
ENGLISH 04/00/75 PGS 1-13 EPA ID# 037684

THIS PAPER EXPLAINS THE CONDITIONS OF POLLUTION IN BRACKISH WATER IN GENERAL AND CITES THE BALTIC SEA TO ILLUSTRATE THE SITUATION. TWO EXAMPLES OF THE EFFECTS OF INDUSTRIAL WASTEWATER ON BRACKISH WATER ECOSYSTEMS ARE GIVEN. IN THE FIRST CASE, FROM THE GULF OF BOTHNIA, WHERE WASTEWATER WAS DISCHARGED, NO BENTHIC FAUNA WAS FOUND. IN THE SECOND CASE, FROM AN ESTUARY ON THE WEST COAST, FIVE YEARS AFTER THE SHUTDOWN OF A SULFITE PULP MILL WHICH REGULARLY EMITTED WASTEWATER, LIVING ORGANISMS WERE BACK TO THE SAME LEVEL AS PRIOR TO POLLUTION. ALSO DISCUSSED IN GENERAL TERMS IS THE STRESS TOLERANCE OF ECOSYSTEMS WITH SOME BRIEF COMPARISONS BETWEEN BRACKISH WATER AND MARINE WATER SYSTEMS. THE AUTHOR CONCLUDES THAT SPECIES ALREADY LIVING UNDER STRESS AND LOW DIVERSITY ECOSYSTEMS SEEM TO RESIST ADDITIONAL STRESS SUCH AS POLLUTION BETTER THAN SPECIES AND ECOSYSTEMS THAT NORMALLY FORM STABLE, HIGH DIVERSITY SYSTEMS. THIS IMPLIES THAT THE ECOSYSTEMS ON THE SWEDISH WEST COAST MAY WELL BE OF MORE SENSITIVE NATURE THAN THOSE IN BRACKISH WATER AREAS.

SWEDEN

"MACROPHYTE REDUCTION THROUGH BIOLOGICAL METHODS." IVL - SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY
AHLING, BENGT
STC )
SWEDISH 03/00/76 PGS 1-12 EPA ID# 039874
ALSO PMB

BIOLOGICAL METHODS OF PREVENTING WATER PLANTS FROM TAKING OVER A LAKE AND THUS MAKING RECREATION, PROCUREMENT OF SUBSOIL WATER, AND PISCICULTURE IMPOSSIBLE, ARE DISCUSSED IN THIS PAMPHLET. THE METHODS INVOLVE THE IMPLANTATION OF PLANT-EATING ORGANISMS INTO A LAKE WITH THE DESIRABLE GROWTH REDUCTION BEING OBTAINED BY REGULATING THEIR NUMBERS. THE USE OF THE GRASS CARP (CTENOPHARYNGODON IDELLUS) AND ITS IMPLANTATION DURING 1970-72 INTO THE LAKE OF OSBY ARE DESCRIBED IN SOME DETAIL AND THE FOLLOWING FINDINGS REPORTED FROM THIS SUCCESSFUL EFFORT: 60 TWO-YEAR OLD GRASS CARP PER HA WILL CONTROL THE PLANT GROWTH IN A LAKE; AN IMPLANTATION OF 400 FISH PER HA WILL TOTALLY ELIMINATE THE GROWTH WITH THE EXCEPTION OF WEEDS WHICH THE GRASS CARP CANNOT HANDLE; THE METHOD IS ESTIMATED TO COST BETWEEN 1,500 TO 2,500 SWEDISH KRONER PER HA, EXCLUDING RESEARCH COSTS, ETC., MOST OF THE CARP SURVIVED THE WINTER; THE CARP MUST BE ARTIFICIALLY CULTIVATED IN SWEDEN OR IMPORTED FROM ABROAD; THE REST OF THE FISH POPULATION WAS NOT AFFECTED IN ANY NEGATIVE WAY.

SWEDEN

*PILOT STUDY CONCERNING THE EXTRACTION AND DEWATERING OF MERCURY CONTAMINATED FIBER SEDIMENT FROM THE BAY OF OXSERUM, VASTERVIK." IVL - SWEDISH WATER AND AIR POLL. RES. LAB. BERGSTROM, R., AND OTHERS

STE 1 SWEDISH 00/00/75 PGS 1-27 EPA ID# 03816A
ALSO PMB AND SE
*TOXIC SUBS

SWEDEN

*TREATMENT OF WASTEWATER FROM A BLEACHED KRAFT PULP MILL IN A NON-AERATED AND AERATED LAGOON." IVL - SWEDISH WATER AND AIR POLLUTION RESEARCH LABORATORY BJORNDAL, HAKAN, AND OTHERS

STE 1 SWEDISH 11/00/74 PGS 1-60 EPA ID# 03826A
ALSO PMB/*SUMMARY IN ENGLISH

THIS STUDY WAS CARRIED OUT AT THE KORSNASVERKEN, A PLANT PRODUCING BLEACHED AND UNBLEACHED KRAFT PULP AND KRAFT PAPER ON THE EASTERN COAST OF SWEDEN IN THE VICINITY OF GAVLE. THE PURPOSE WAS TO SIMULATE THE CONDITIONS OF A PLANNED FULL-SCALE LAGOON WHERE WASTEWATER WILL BE GATHERED PRIOR TO ITS BEING EMITTED INTO A NEARBY BAY. TESTS INDICATED THAT EMISSIONS FROM THE DAM WOULD NOT CREATE AN ODOR PROBLEM SINCE THEY WOULD HAVE BEEN EFFECTIVELY DISPERSED BY THE LARGE SURFACE. WHETHER THE DAM WAS AERATED OR NOT WOULD HAVE NO EFFECT ON THIS MATTER. TESTS WERE ALSO PERFORMED TO CHECK THE BOD (BIOCHEMICAL OXYGEN DEMAND) AND DOC (DISSOLVED ORGANIC CARBON) REDUCTIONS UNDER VARIOUS CIRCUMSTANCES BOTH IN AN AERATED AND A NON-AERATED DAM. COST ESTIMATES FOR THE PROJECTS WERE ALSO CALCULATED.

SWITZERLAND

*ANTI-POLLUTION FIGHT MUST CONTINUE IN SPITE OF RECESSION." JOURNAL DE GENEVE

SEE 1 FRENCH 05/22/76 PGS 2 EPA ID# 03799A

DURING THE COURSE OF ITS 26TH DELEGATE MEETING, THE SWISS LEAGUE FOR THE PROTECTION OF AIR AND WATER APPEALED TO THE SWISS POPULATION TO PERSIST IN ENVIRONMENTAL PROTECTION EFFORTS IN SPITE OF THE ECONOMIC CONSTRAINTS BEING IMPOSED BY THE RECESSION. A REVIEW OF A CONFERENCE PRESENTATION ON "LAKES AS DRINKING WATER SUPPLY SOURCES" BY THE DIRECTOR OF THE ZURICH WATER SERVICES SIMILARLY EMPHASIZED AND ILLUSTRATED THE NECESSITY FOR WATER PROTECTION. ACCORDING TO THE REPORT THE AMOUNT OF DRINKING WATER DERIVED FROM SURFACE WATERS IS EXPECTED TO INCREASE FROM ITS PRESENT 21 PERCENT TO 45 PERCENT BY THE BEGINNING OF THE 21ST CENTURY, WITH A PARALLEL DECREASE IN SPRING AND GROUNDWATER SUPPLY SOURCES FROM THE PRESENT 79 PERCENT TO 55 PERCENT. MOREOVER, BECAUSE AIR POLLUTANTS CONTRIBUTE DIRECTLY TO THE POLLUTION OF SURFACE WATER, IT WAS ALSO STRONGLY URGED THAT ABATEMENT MEASURES IN THIS SECTOR OF THE ENVIRONMENT NOT BE DISREGARDED.

WATER

SWITZERLAND

"FEDERAL SUBSIDIES FOR WATER PROTECTION." JOURNAL DE GENEVE

EPA

SFE )  FRENCH  06/14/76 PGS 9  ID# 038254

THE SWISS FEDERAL INTERIOR DEPARTMENT IS REPORTED TO HAVE GRANTED SUBSIDIES AMOUNTING TO 29,719,494 FRANCS FOR THE INSTALLATION OF WASTEWATER TREATMENT PLANTS. AMONG THE 21 ASSOCIATIONS AND 69-ODD MUNICIPALITIES SLATED TO RECEIVE THIS FEDERAL ASSISTANCE ARE THE FOLLOWING: THE COMPANY FOR THE TREATMENT OF THE MEZIERE WASTEWATERS, SERVING THE MUNICIPALITIES IN THE CARROUGE, PERLENS, VUILLIENS, AND VUCHERENS (1,139,345 FRANCS); 45 MUNICIPALITIES IN THE CANTON OF GENEVA (ADDITIONAL SUBSIDIES OF 1.7 MILLION FRANCS); SION (463,888 FRANCS); CHALAIS (781,342 FRANCS); AND ENGES (125,573 FRANCS).

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